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CATALOGUE

OF

1905 STARS

FOR THE EQUINOX

1865·0

FROM OBSERVATIONS MADE AT THE

ROYAL OBSERVATORY, CAPE OF GOOD HOPE,—

DURING THE YEARS

1861 TO 1870,

UNDER THE DIRECTION OF

SIR THOMAS MACLEAR, KNT., F.R.S.,

HER MAJESTY'S ASTRONOMER AT THE CAPE.

REDUCED AND PUBLISHED UNDER THE DIRECTION OF

DAVID GILL, C.B., LL.D., F.R.S., *Hon.* F.R.S. *Ed.*, &c.

HER MAJESTY'S ASTRONOMER AT THE CAPE.

PUBLISHED BY ORDER OF THE LORDS COMMISSIONERS OF THE ADMIRALTY IN OBEDIENCE TO HER MAJESTY'S COMMAND.

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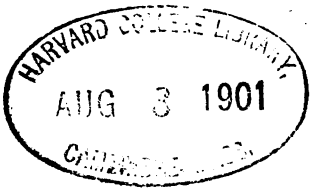

Greenwich Observatory

PREFACE.

THE publication of this Catalogue marks an epoch in the history of the Observatory. For the first time in that history the Director can feel that the accumulated labours of his predecessors are available for the use of Astronomers, and that the work being done under his own direction is in a healthy and forward state of reduction and publication. How heavily the load of arrears pressed upon my predecessor is evidenced by his remarks in the introduction to the Cape Catalogue for 1860:

"When I assumed the Directorship in 1870, I found myself, with a very limited staff, unexpectedly confronted with the results of 36 years of miscellaneous observing in all stages of reduction, nothing completed, and nothing which could be brought forward for publication and use without a very considerable expenditure of time and skilled labour."

Astronomers are greatly indebted to Mr. Stone for the energy and determination with which he faced the odds against him, and for the manner in which he cleared off a large share of these arrears by his publication of the Catalogues for 1840 and 1860.

Together with the discouragement and vexation which the existence of such arrears gives to an Astronomer who is desirous of pushing forward investigations in which he is more immediately interested, there must also be the feeling that every increase in the delay of publication means a hindrance to the progress of science. How serious those hindrances have been will be evident from the following table, which shows the dates at which the various series of Cape Meridian Observations, made previous to 1870, were published in the form of Star Catalogues:—

Astronomer under whose Direction the Observations were made.	Period covered by the Observations.	Date of Publication.	Name of Astronomer by whom Published.	Delay in Publication after Completion of the Observations.
Fallows - - -	1829–31	1851	Airy - -	20 years.
Henderson - -	1832–33	{ R.A. 1844 / Dec. 1837 }	Henderson	{ 11 „ / 4 „
Maclear - - -	1834–40	1878	Stone -	38 „
Maclear - -	1843–48	1866	Maclear -	18 „
Maclear - - -	1849–52	1885	Gill - -	33 „
Maclear - -	1856–60	1873	Stone -	13 „
Maclear - - -	1861–70	1899	Gill - -	29 „

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No blame can be attached to the earlier Cape Astronomers for these delays. Their official instructions were to carry on the same work as at Greenwich, but it did not apparently occur to the authorities at home that a similar staff to that at Greenwich was required for its regular reduction and publication. There was no Board of Visitors, as at Greenwich, to support the demands of the Astronomer for adequate assistance, and his requests were too often treated with coldness and neglect.

Fortunately a more enlightened spirit now prevails, and it is due to the wise liberality of the Admiralty, and to the devotion of his staff, that H.M. Astronomer is now able to report that the arrears of publication of the Cape Meridian Observations no longer exist.

The services of Mr. J. Power are specially noteworthy in connection with the preparation of the present work for press.

INTRODUCTION TO THE CAPE CATALOGUE, 1865.

This Catalogue of 1,905 Stars is based on observations made with the Cape Transit-Circle under the direction of Sir Thomas Maclear during the years 1861, '62, '63, '64, '65, '66, '67, '68, '69, and part of the year 1870.

The Right Ascensions and Declinations of the Catalogue are given for the Mean Epoch of Observation, reduced *without Proper Motion* to the Equinox 1865·0.

The Royal Observatory at the Cape of Good Hope was established by an Order in Council dated 1820, October 20, but it was not until 1829 that the buildings and instruments were erected and regular observing was commenced.

The Reverend Fearon Fallows, who had supervised the work and waited patiently through years of worry and delay for an opportunity to realize the hopes which had brought him to the Cape, lost his excellent assistant Captain Ronald in 1830. He struggled on as best he could with his wife's aid through many difficulties and under much discouragement, and died in July 1831, at the age of 43. Fallows' observations, 1829–31, were finally reduced under Airy's direction, and published in 1851. (Mem. R.A.S., Vol. XIX.)

Henderson succeeded Fallows, but was driven by the discomforts of his position and the want of adequate assistance to resign the appointment in 1833, after occupying his post for little more than a year.

The valuable observations obtained during that short period were reduced by him in Edinburgh. In 1837 he published the Mean Declinations of 172 stars (Mem. R.A.S., Vol. X.), and in 1844 the Right Ascensions of 174 stars derived from observations made by himself and his only assistant, Lieutenant Meadows, in 1832–33 (Mem. R.A.S., Vol. XV.). Henderson's brief tenure of office at the Cape will ever be memorable from the fact that he obtained from his observations of α Centauri the first reliable evidence of the parallax of any fixed star.

Mr. (afterwards Sir Thomas) Maclear, succeeded Henderson in 1834, and during the 36 years of his directorate (1834 to 1870) great stores of Meridian Observations were accumulated, but his work on the Arc of Meridian, and the weakness of his staff, did not permit him to complete the reduction. The observations with the Transit Instrument

and Mural Circle 1834 to 1840 had, however, been nearly completed by him, and the results were finally revised and published in 1878, under the direction of his successor, Mr. E. J. Stone, in form of the Cape Catalogue of 2,892 Stars for the Equinox 1840.

In 1841 Maclear commenced the field work of his "Verification and extension of Lacaille's Arc of Meridian," and until its termination in 1848 the Meridian work of the Observatory was necessarily limited in extent, being chiefly confined to the determination of time and the observation of stars with the Zenith Sector in connection with Geodetic operations. The results of his observations with the Zenith Sector, 1843-48, were published by him in 1866 (Verification and Extension of Lacaille's Arc of Meridian, Vol. II.). Maclear's immediate object in the arrangement of the observations from 1849 was to observe all stars of the British Association Catalogue South of the Equator, and a great deal of time was spent in endeavours to reconcile the observations of Lacaille and others with his own recent determinations. Many interesting discussions on this subject are printed in the Memoirs of the R.A.S., Vol. XX., but apart from this the reductions were left by Maclear in a very incomplete state. Some further work towards their reduction was done as opportunity offered during the period of Mr. Stone's directorate, 1870–79. The work was finally completed, and the results prepared for press, under the direction of the writer; it was published in 1885 as the Cape Catalogue of 4,810 Stars for the Equinox 1850, from observations made during the years 1849 to 1852. During 1853–54 and '55 regular observing, except for time, &c., was discontinued, the staff being probably chiefly occupied with computations connected with the Arc of Meridian and with preparations for the erection of the new Transit Circle.

Regular observing with the new Transit-Circle was begun in 1856, and the reduction of the observations of that and the four succeeding years was finally completed by Mr. Stone, and published by him in 1873, under the title of the Cape Catalogue of 1159 Stars for the Equinox 1860.

Mr. Stone also published in separate form the results of the annual observations for 1856, '57, '58, '59, and '60.

There remained for reduction the observations made during the years 1861–70, both inclusive, but it was not until the policy was adopted, in 1892, of suspending all meridian observing during that and the following year, to allow arrears of reduction to be overtaken, and a subsequent increase of the Staff was granted, that it became possible to undertake this work.

The annual results for the years 1861 to 1865 were published in 1897, those for 1866 to 1870 are in the press, and should appear before this Catalogue.

Explanation of the Separate Columns of the Catalogue.

Left-Hand Page.

"No." is the rotation number. An asterisk (*) attached to this number signifies that the star is one of the Fundamental Stars for the zones of Schönfeld's *Durchmusterung* (Ast. Nach. 2890–91); a dagger (†), that the star is one of the Fundamental Stars for subsequent meridian observation of the zones of the Cape *Durchmusterung*, between 20° and 80° of South Declination (Auwers, *Monthly Notices*, R.A.S., Vol. XLVII., pp. 455-473, and Ast. Nach. 3431–32). When a star not contained in one of the above-mentioned lists occurs in Auwers' Catalogues (Pub. de Astron. Gesellschaft, XIV. and XVII.), it is denoted by a double dagger (‡).

"Star's Name."—For stars contained in Auwers' Bradley the nomenclature of that work has been retained, only substituting *Argûs* or *Puppis* for *Navis*. For stars not in Auwers' Bradley the nomenclature of Auwers' Fundamental Lists was adopted. For stars not contained in these lists between Declination — 23° and the South Pole the nomenclature of the Argentine General Catalogue was employed, and for stars North of Declination — 23° that of the B.A.C.

The only exceptions to these rules are a very few close Circumpolar Stars, which are designated by letters long in use at the Cape.

For stars otherwise unnamed the Catalogue number is referred to in the following order of preference :—

(1.) Auwers' Bradley, referred to as Bradley.

(2.) British Association Catalogue of Lacaille's Observations, referred to as Lacaille.

(3.) The Hour and Number in Piazzi's Catalogue (Edition of 1814).

(4.) Lalande's Catalogue, published by the British Association.

(5.) The Hour and Number in Weisse's Catalogues of the Stars in Bessel's zones, the zones — 15° to + 15° being referred to as W.B., and the zones + 15° to + 45° as W.B.(2).

(6.) Brisbane's Catalogue.

(7.) Gould's "Catalogo General Argentino," referred to as C.G.A.

(8.) The Cape Catalogue of 12,441 Stars, referred to as Cape (1880).

(9.) The Hour and Number in the Cordoba Zone Catalogue, referred to as C.Z.

(10.) The *Bonner Durchmusterung*, referred to as B.D.

(11.) The *Cape Photographic Durchmusterung*, referred to as C.P.D.

(12.) The *Cordoba Durchmusterung*, referred to as Cor. D.

All notes respecting nomenclature are given on the left-hand page.

"Mag."—This column gives the magnitude of the star. Those magnitudes which are unmarked are taken from the Harvard Photometry or the Southern Meridian Photometry. Magnitudes marked * are taken from the C.G.A., C.Z., or Cor. D., those marked † from B.D., and those marked ‡ from Cape observations.

Where a doubt exists as to whether the "Mass" or one component of a double star was observed, an asterisk is inserted instead of the magnitude.

The particulars respecting variable stars are from Chandler's Catalogue (*Astron. Journal*, No. 379), unless otherwise stated.

"Mean Date."—The mean epoch of the observations in R.A. expressed in years from 1800.

"No. of Obs."—The number of observations in Right Ascension.

"Mean R.A. 1865·0."—The formation of the Right Ascensions is explained on p. viii.; the results here given refer to the mean epoch of observation and the Equinox 1865·0.

"Corr. for $\mu\alpha$ to 1865·0."—For the convenience of Astronomers who may desire to compare this Catalogue with others reduced to the Epoch and Equinox 1865·0, this column gives the correction to be applied on account of Proper Motion to the R.A. of the present Catalogue, to reduce the catalogue-place from the Epoch of Observation to the Epoch 1865·0.

"Prec. 1865·0"—The annual Precession in R.A., computed from the formula—

$$3^s\cdot0721 + 1^s\cdot3370 \sin\alpha \tan\delta.$$

"Sec. Var."—The Secular Variation, computed by the formula—

$$A + B \tan\delta + C \tan^2\delta,$$

where—

$$A = 0^s\cdot00190 + 0^s\cdot00650 \sin 2\alpha.$$
$$B = -0^s\cdot00057 \sin\alpha + 0^s\cdot02987 \cos\alpha.$$
$$C = +0^s\cdot01300 \sin 2\alpha.$$

"Proper Motion, μ_α."—Proper Motions without mark or note were taken from Auwers' determinations, the latest determination being preferred. Those taken from the Cape Catalogue, 1880, or the Radcliffe Catalogue, 1890, are marked with an asterisk, those from the Cape Catalogue being given to 2 and 3 decimal places in R.A. and Dec. respectively, those from the Radcliffe Catalogue to 4 and 3 places. Those from other authorities are mentioned in notes on the right-hand page.

Right-Hand Page.

"No."—An asterisk attached to this number signifies that there is a foot-note referring to the star.

"Mean Date."—The mean epoch of observation expressed in years from 1865·0.

"No. of Obs."—The number of Observations in Declination.

"Mean Dec. 1865·0."—The formation of the Declinations is fully explained pp. viii.–xiii.; the results here given refer to the Mean Epoch of Observation and the Equinox 1865·0.

"Corr. for μ_δ' to 1865·0."—This column gives the correction to be applied on account of Proper Motion to the Declination of the present Catalogue, in order to reduce the catalogue-place from the Mean Epoch of Observation to the Epoch 1865·0.

"Prec. 1865·0."—The annual Precession in Declination computed by the formula—

$$20''\cdot0551 \cos \alpha.$$

"Sec. Var. 1865·0"—The Secular Variation for 1865·0 computed by the formula:—

$$A^1 + B^1 \tan \delta,$$

where—

$$A^1 = -0''\cdot0086 \cos \alpha - 0''\cdot4480 \sin \alpha.$$
$$B^1 = -0''\cdot1950 \sin^2 \alpha.$$

"Proper Motion, μ_δ."—The annual Proper Motion in Declination. The authority for the adopted values is denoted in the same manner as for the Right Ascensions.

"Bradley or Lacaille."—This column gives the corresponding number in Auwers' "*Neue Reduction der Bradleyschen Beobachtungen*" or that in the British Association Catalogue of Lacaille's Observations—"*Catalogue of 9,766 Stars in the Southern Hemisphere.*" When the star is in one of these Catalogues only, the Numeration or the Declination is sufficient to indicate to which of the two

catalogues it belongs; when the star is in both catalogues the Bradley Number is given with an asterisk attached.

The other columns of reference are sufficiently explained by their respective headings.

Right Ascensions.

The system of Right Ascension is that of Auwers' *Fundamental Catalog für die Zonen Beobachtungen am Nordlichen Himmel.*

The list of Clock Stars actually employed is given, p. viii. and ix. of the Cape Meridian Observations, 1861–65, together with the corrections required to be applied to the Right Ascensions given in the Nautical Almanacs for 1860 and 1870 to reduce to the places of Auwers' Catalogue.

The Right Ascensions of Clock Stars have not been retained as determinations unless clock-error was obtained from at least five Fundamental Stars on the same day.

Declinations.

The Declinations given in the Annual Catalogues, 1861–70, were formed on the assumptions:—

1. That the correction for instrumental flexure is $-0''.26$ sin Z.D.
2. That the refractions of Bessel's *Tabulæ Regiomontanæ* require no correction.
3. That the Latitude is $-33^\circ\ 56'\ 3''.20$.

Unfortunately the data for a rigorous determination of Latitude are both scanty and unsatisfactory. The thermometer employed was placed in a crib in the S.W. window of the Transit Room; it was constructed by Dolloud, had a large cylindrical bulb, and its graduations were engraved on an attached ivory scale. This thermometer was accidentally broken many years ago, and we have no certain knowledge of its calibration and index-errors. The situation of the crib, surrounded as it is by the heavy masonry of the walls, gives no true indication of the temperature of the air, and there are instances when thermometers in this crib indicate a temperature 10° F. different from that of the outer air.

The number of Circumpolar Stars is also comparatively small, and the range of Declination is insufficient to afford data for discussing the general errors of the refractions.

Assuming the Refractions of the *Tabulæ Reg.*, corresponding to the readings of the crib-Dollond Thermometer, to represent the true refractions, we have the following corrections to the assumed Latitude $-33^\circ\ 56'\ 3''.20$.

Observations of Circumpolar Stars for Latitude.

No.	Declination.		Above *minus* Below.	No. of Obs.		Weight.
	Above Pole.	Below Pole.		Above.	Below.	
1861.						
	° ′ ″	″	″			
16	−89 8 10·23	9·16	−1·07	1	2	2
23	−78 2 14·18	14·95	+0·77	6	11	9
423	−75 8 53·77	54·32	+0·55	2	2	3
727	−88 27 33·70	34·97	+1·27	4	2	4
1047	−89 2 7·66	7·07	−0·59	3	1	3
1243	−87 34 10·39	10·43	+0·04	9	5	8
1568	−89 16 41·62	41·92	+0·30	3	13	7
1720	−89 28 38·64	39·86	+1·22	7	10	9
1782	−86 40 7·62	8·41	+0·79	2	4	4
1845	−88 14 36·23	36·77	+0·54	2	11	5
1862.						
	° ′ ″	″	″			
23	−78 1 54·15	54·64	+0·49	11	10	10
392	−81 53 15·53	17·95	+2·42	4	5	6
1419	−86 5 10·53	12·78	+2·25	4	4	6
1782	−86 39 48·69	50·24	+1·55	2	3	4
1845	−88 14 16·34	17·29	+0·95	9	10	10
1863.						
	° ′ ″	″	″			
23	−78 1 32·90	34·43	+1·53	13	3	7
392	−81 53 7·81	10·10	+2·29	3	2	4
727	−88 27 57·01	58·23	+1·22	10	3	6
1047	−89 2 46·17	48·13	+1·96	3	2	4
1243	−87 34 42·56	45·51	+2·95	7	6	8
1419	−86 5 19·08	21·15	+2·07	2	2	3
1568	−89 16 42·90	44·52	+1·62	22	1	3
1720	−89 28 12·87	14·32	+1·45	6	13	9
1740	−83 16 25·12	25·18	+0·06	1	2	2
1782	−86 39 32·81	33·86	+1·05	4	5	6
1845	−88 13 56·77	59·80	+3·03	4	5	6

OBSERVATIONS OF CIRCUMPOLAR STARS FOR LATITUDE—*continued.*

No.	Declination.		Above *minus* Below.	No. of Obs.		Weight.
	Above Pole.	Below Pole.		Above.	Below.	
			1864.			
	° ′ ″	″	″			
16	−89 7 8·78	10·37	+1·59	3	3	5
23	−78 1 12·56	13·91	+1·35	25	16	12
392	−81 53 1·32	1·84	+0·52	2	2	3
1047	−89 3 6·68	10·09	+3·41	7	4	7
1243	−87 34 59·03	60·78	+1·75	7	6	8
1568	−89 16 42·96	44·83	+1·87	2	15	5
1720	−89 27 59·13	60·89	+1·76	3	4	5
1782	−86 39 13·99	15·33	+1·34	2	1	2
1845	−88 13 38·96	38·75	−0·21	7	17	10
			1865.			
	° ′ ″	″	″			
16	−89 6 48·96	50·33	+1·37	2	4	4
23	−78 0 52·23	54·43	+2·20	18	10	11
392	−81 52 54·31	54·40	+0·09	3	2	4
498	−80 33 58·03	59·07	+1·04	1	1	2
727	−88 28 19·85	22·99	+3·14	2	3	4
1047	−89 3 26·41	28·63	+2·22	5	2	4
1243	−87 35 13·61	17·07	+3·46	4	3	5
1311	−84 0 18·42	19·64	+1·22	1	1	2
1419	−86 5 39·09	39·56	+0·47	1	3	3
1423	−78 35 8·38	9·95	+1·57	2	1	2
1541	−87 39 2·05	3·93	+1·88	2	1	2
1568	−89 16 43·62	45·65	+2·03	5	16	9
1680	−83 42 57·91	59·62	+1·71	2	3	4
1685	−80 0 16·86	19·68	+2·82	2	3	4
1720	−89 27 46·02	48·20	+2·18	5	5	7
1845	−88 13 16·99	19·20	+2·21	6	9	8

OBSERVATIONS OF CIRCUMPOLAR STARS FOR LATITUDE—*continued.*

No.	Declination.		Above *minus* Below.	No. of Obs.		Weight.
	Above Pole.	Below Pole.		Above.	Below.	
			1866.			
	° ′ ″	″	″			
16	−89 6 30·51	30·83	+0·32	3	6	6
392	−81 52 46·59	46·78	+0·19	1	1	2
727	−88 28 31·48	32·32	+0·84	1	2	2
1047	−89 3 46·84	48·64	+1·80	5	2	4
1243	−87 35 31·46	32·45	+0·99	4	2	4
1419	−86 5 47·14	49·98	+2·84	2	1	2
1501	−80 43 26·13	27·18	+1·05	1	1	2
1568	−89 16 44·15	45·30	+1·15	1	17	3
1720	−89 27 32·73	36·54	+3·81	2	1	2
1782	−86 38 38·12	39·13	+1·01	2	1	2
1845	−88 12 57·35	60·44	+3·09	2	2	3
			1867.			
	° ′ ″	″	″			
16	−89 6 8·26	10·47	+2·21	2	2	3
23	−78 0 11·70	13·56	+1·86	17	14	12
727	−88 28 41·69	43·98	+2·29	3	3	5
802	−85 7 31·28	34·90	+3·62	3	3	5
1047	−89 4 6·69	8·43	+1·74	3	2	4
1243	−87 35 47·58	49·59	+2·01	8	4	7
1311	−84 0 44·17	44·49	+0·32	6	2	5
1501	−80 43 31·42	34·02	+2·60	2	3	4
1720	−89 27 16·49	21·38	+4·89	3	6	6
1752	−83 19 31·40	34·17	+2·77	12	2	5
1782	−86 38 20·54	22·20	+1·66	3	6	6
1815	−82 4 35·75	37·01	+1·26	4	1	3
1845	−88 12 40·48	40·32	−0·16	2	6	5

OBSERVATIONS OF CIRCUMPOLAR STARS FOR LATITUDE—*continued.*

No.	Declination.		Above *minus* Below.	No. of Obs.		Weight.
	Above Pole.	Below Pole.		Above.	Below.	
			1868.			
	° ′ ″	″	″			
23	−77 59 51·64	53·53	+1·89	18	17	13
1047	−89 4 23·99	27·82	+3·83	2	1	2
1243	−87 36 4·11	5·30	+1·19	6	3	6
1311	−84 0 57·37	56·61	−0·76	4	2	4
1419	−86 6 4·83	7·61	+2·78	2	1	2
1423	−78 35 36·70	41·04	+4·34	2	1	2
1752	−83 19 15·19	18·52	+3·33	4	5	6
1782	−86 38 3·65	4·07	+0·42	3	3	5
1845	−88 12 18·69	21·01	+2·32	7	10	9
			1869.			
	° ′ ″	″	″			
23	−77 59 30·95	33·20	+2·25	7	6	8
392	−81 52 22·08	23·70	+1·62	1	1	2
1243	−87 36 20·69	24·84	+4·15	5	1	3
1311	−84 1 11·44	10·85	−0·59	1	1	2
1419	−86 6 14·83	18·50	+3·67	1	1	2
1845	−88 11 59·91	60·58	+0·67	5	6	7
			1870.			
	° ′ ″	″	″			
23	−77 59 10·61	12·33	+1·72	11	4	7
1311	−84 1 25·44	25·71	+0·27	1	2	2
1541	−87 39 12·94	15·35	+2·41	1	1	2
1568	−89 16 42·36	44·82	+2·46	2	2	3
1845	−88 11 38·56	41·87	+3·31	1	1	2

The resulting corrections to the Latitude ϕ, which was employed in the formation of the Annual Results, and the corrections to that

Latitude which have been adopted in the formation of the present Catalogue are as follows :—

Year.	Correction to ϕ, derived from Obs. of Circumpolars.		Corrections adopted in formation of the Catalogue.
	″	Weight.	″
1861 - - -	−0·27	54	−0·50
1862 - - -	−0·67	36	
1863 - - -	−0·93	58	−0·90
1864 - - -	−0·72	57	
1865 - - -	−1·00	75	
1866 - - -	−0·71	32	
1867 - - -	−1·05	70	
1868 - - -	−0·95	49	
1869 - - -	−0·93	24	
1870 - - -	−0·98	16	

I have been unable to find any satisfactory explanation for the marked apparent change of Latitude between 1862 and 1863.

The separate observations of α Canis Majoris α Canis Minoris, β Centauri, and α Centauri reduced to the Equinox 1865·0, are given in an Appendix to the Catalogue.

General Remarks and Comparison with Newcomb.

Besides the uncertainties which exist in the Declinations, there are other reasons why this Catalogue should not be regarded as a Fundamental one.

Sir Thomas Maclear, Mr. Mann, and Mr. Geo. Maclear were good observers, but only the last-mentioned of these took any considerable share in the work. The personal equations of the other observers are both large and variable, and their work is unsatisfactory. There is a want of plan and method in the conduct of the work, and many observations had to be rejected from want of reliable determination of clock-error or other instrumental constants. It is hoped that the observations which have been retained are sufficiently reliable, and that the Catalogue may not be without some value.

The following comparison with Newcomb's New Fundamental Catalogue, 1875 and 1900, may serve for determining the systematic errors of the present Catalogue, and for its comparison with others.

For this comparison the stars common to both catalogues were selected, and their places in the 1865 Catalogue were reduced to the Equinox and Epoch 1875, employing the Precessions and Proper Motions of Newcomb's Catalogue; the differences "Newcomb—Cape" were then formed. These differences were then combined in groups corresponding to zones of 5° in Declination and the mean value of N.—C. was taken having regard to the following system of weights:—

No. of Obs. in the Cape Cat., 1865.	Weight.
1	1
2–4	2
5–8	3
9 or more	4

Grouping similarly for each hour of R.A., the mean value of N.—C. was found, in which equal weight was given to each value of N.—C. The results are given in the following table:—

Comparison of the Cape Catalogue for 1865 with Newcomb's new Fundamental Catalogue for 1875 and 1900.

h.	R.A.		Dec.	
	Newcomb minus Cape, 1865.	No of Stars.	Newcomb minus Cape, 1865.	No. of Stars
	s		"	
0	+0·009	19	+0·07	21
1	− ·013	19	− ·06	19
2	− ·016	19	+ ·23	20
3	+ ·007	28	− ·24	28
4	− ·001	18	− ·12	18
5	+ ·012	25	− ·05	25
6	+ ·013	15	+ ·11	15
7	+ ·028	25	− ·03	24
8	− ·022	20	+ ·07	21
9	− ·017	23	+ ·16	25
10	− ·043	16	+ ·16	16
11	+ ·019	18	+ ·11	18
12	+ ·031	18	+ ·34	19
13	− ·004	18	+ ·43	19
14	·000	20	+ ·22	24
15	+ ·014	20	+ ·04	21
16	+ ·001	18	+ ·01	19
17	+ ·021	20	+ ·10	22
18	+ ·014	17	+ ·15	18
19	+ ·031	16	+ ·07	18
20	+ ·035	13	+ ·06	13
21	− ·042	19	+ ·21	21
22	− ·017	17	+ ·18	19
23	+ ·004	15	+ ·03	18
0				

δ	R.A.		Dec.	
	Newcomb minus Cape, 1865.	Weight.	Newcomb minus Cape, 1865.	Weight.
°	s		"	
−90	+0·094	41	+0·20	51
−85	+ ·145	21	+ ·08	35
−80	+ ·115	28	+ ·33	32
−75	+ ·176	18	+ ·36	18
−70	+ ·158	32	+ ·16	33
−65	+ ·080	29	+ ·28	30
−60	+ ·022	48	+ ·19	49
−55	+ ·002	18	+ ·42	18
−50	+ ·010	28	+ ·43	30
−45	− ·006	39	+ ·21	39
−40	− ·025	24	+ ·26	23
−35	+ ·018	29	− ·09	32
−30	+ ·039	58	+ ·11	59
−25	+ ·033	54	+ ·16	53
−20	− ·004	113	+ ·15	111
−15	− ·010	85	− ·05	85
−10	− ·023	110	− ·10	113
− 5	− ·017	90	− ·09	91
0	− ·036	81	+ ·09	83
+ 5	− ·019	105	+ ·03	106
+10	− ·028	89	− ·10	86
+15	− ·013	66	− ·12	68
+20	− ·016	86	+ ·21	88
+25	− ·015	38	+ ·57	37
+30	+ ·088	5	+ ·85	6
+35	+ ·030	3	+ ·37	3
+40	− ·110	2	− ·41	2
+45	− ·089	8	− ·51	8
+50				

From this comparison the following table was derived:—

CORRECTIONS APPLICABLE TO THE CAPE CATALOGUE FOR 1865 TO REDUCE IT TO THE SYSTEM OF NEWCOMB'S FUNDAMENTAL CATALOGUE FOR 1875 AND 1900.

Arg. Dec.	$\Delta\alpha_\delta$	$\Delta\delta_\delta$
°	s	″
+30	−0·020	+0·72
+25	− ·020	+ ·40
+20	− ·020	·00
+15	− ·020	− ·15
+10	− ·021	− ·02
+ 5	− ·025	+ ·05
0	− ·026	·00
− 5	− ·022	− ·02
−10	− ·018	+ ·03
−15	− ·010	+ ·10
−20	+ ·013	+ ·16
−25	+ ·040	+ ·20
−30	+ ·025	+ ·25
−35	− ·005	+ ·30
−40	− ·010	+ ·35
−45	− ·004	+ ·35
−50	000	+ ·33
−55	+ ·010	+ ·33
−60	+ ·056	+ ·31
−65	+ ·120	+ ·30
−70	+ ·165	+ ·28
−75	+ ·150	+ ·25
−80	+ ·130	+ ·23
−85	+ ·115	+ ·20
−90	+ ·100	+ ·20

Arg. R.A.	$\Delta\alpha_\alpha$	$\Delta\delta_\alpha$
h		″
0		−0·02
1		− ·05
2		− ·10
3		− ·16
4		− ·16
5		− ·10
6		− ·06
7		− ·03
8		+ ·01
9		+ ·04
10		+ ·07
11	Insensible.	+ ·11
12		+ ·17
13		+ ·16
14		+ ·07
15		+ ·03
16		+ ·01
17		+ ·01
18		+ ·01
19		·00
20		·00
21		·00
22		·00
23		− ·01

Royal Observatory, Cape of Good Hope,
10th October 1899.

DAVID GILL.

CAPE

GENERAL CATALOGUE

OF

STARS

FOR

1865·0.

E (3)8567. 500.—1/1900. Wt. 9561. E. & S.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α.
					h m s	s	s	s	s
1	C.Z. O.13.....	8·5*	65·58	5	0 0 2·25	...	+3·0721	−0·042	...
2	Lacaille 9730	7·8*	68·80	1	0 0 31·73	...	+3·0671	−0·045	...
3‡	21 Andromedæ... α	2·1	63·67	6	0 1 24·82	+0·01	+3·0765	+0·018	+0·0095
4	Lacaille 9740	6·4	68·85	3	0 2 13·11	...	+3·0538	−0·040	...
5	Piazzi XXIII. 286..	7·5*	62·90	7	0 3 0·43	...	+3·0710	0·000	...
6	Octantis..... γ^2	5·3	67·59	1	0 3 50·91	+0·04	+2·8898	−0·211	−0·014*
7‡	88 Pegasi ..... γ	3·0	64·82	33	0 6 17·22	0·00	+3·0815	+0·010	−0·0012
8	Lacaille 11	7·3*	68·85	3	0 7 9·36	...	+3·0058	−0·044	...
9	Lacaille 13	6·6*	68·90	1	0 7 32·36	...	+3·0071	−0·040	...
10*	7 Ceti.....	4·6	67·83	3	0 7 46·78	+0·01	+3·0558	−0·008	−0·0028
11	35 Piscium *pr.*	6·3	61·87	1	0 8 1·74	+0·02	+3·0787	+0·007	+0·0054
12	Lacaille 30.....	6·7*	67·21	5	0 9 42·24	...	+2·8335	−0·104	...
13	Lacaille 33.....	7·0*	67·76	3	0 10 46·48	...	+2·7323	−0·122	...
14	Piazzi O. 33.....	7·0†	62·90	7	0 10 51·79	+0·01	+3·0731	+0·003	+0·0070†
15†	Toucani..... ζ	4·3	67·81	2	0 13 1·52	−0·76	+2·9040	−0·056	+0·2714
16	Octantis..... ο	7·2	65·84	25	0 13 13·92	−0·01	−1·9181	+4·342	+0·008†
17	41 Piscium..... *d*	5·6	64·53	17	0 13 39·23	0·00	+3·0824	+0·007	−0·0013
18	C.P.D−56° No. 65.	10‡	65·59	5	0 14 18 43	...	+2·9468	−0·038	...
19	Toucani..... π	5·3	67·82	2	0 14 21·98	...	+2·8370	−0·067	...
20	Sculptoris..... ι	5·5	67·80	2	0 14 43·90	...	+3·0229	−0·014	...
21	Lacaille 63.....	7·3*	68·83	2	0 16 6·03	...	+2·8972	−0·046	...
22	44 Piscium.....	5·8	64·13	11	0 18 29·07	0·00	+3·0743	+0·004	−0·0028
23†	Hydri..... β	2·9	66·15	367	0 18 37·06	−0·82	+2·5615	−0·090	+0·7102
24	45 Piscium	7·3†	62·30	5	0 18 44·40	0·00	+3·0854	+0·007	+0·0002
25	Phœnicis..... κ	4·0	67·78	4	0 19 33·39	...	+2·9603	−0·024	...
26†	Phœnicis..... α	2·5	67·82	4	0 19 36·33	−0·05	+2·9653	−0·023	+0·0170
27	10 Ceti	6·2*	68·05	6	0 19 42·15	−0·01	+3·0705	+0·003	+0·0038
28	C.P.D.−56° No. 82	9‡	65·51	5	0 22 15·52	...	+2·8763	−0·036	...
29*	12 Ceti	6·2	65·96	23	0 23 9·04	0·00	+3·0610	+0·001	−0·0015
30	Piazzi O. 98	7·0†	62·90	7	0 23 12·44	...	+3·0818	+0·005	...
31	Toucani..... β^1	4·5	67·50	3	0 25 20·49	...	+2·7735	−0·045	...
32	Toucani..... β^2	4·3	67·79	3	0 25 21·05	...	+2·7731	−0·045	...
33	C.P.D.−56°No. 104	9·5‡	65·51	5	0 26 30·76	...	+2·8374	−0·035	...
34	Lacaille 123	5·1	67·49	6	0 26 33·85	...	+2·7581	−0·045	...
35	Lacaille 133	6·9*	67·86	2	0 27 46·08	...	+2·9204	−0·021	...

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for $\mu\delta$ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion $\mu\delta$.	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
1	65·58	5	−55 54 43·15	...	+20·055	−0·01	...	...	...	...	...
2	68·80	1	−57 35 16·49	...	+20·055	−0·01	...	9730	17	10	8377
3	67·00	2	+28 20 39·76	+0·31	+20·055	−0·01	−0·157	3215	...	19	4
4	68·85	3	−54 45 13·96	...	+20·054	−0·01	...	9740	50	25	9
5	62·82	11	− 3 18 44·04	...	+20·053	−0·01	...	...	64	...	...
6	67·68	5	−82 58 29·56	+0·13	+20·052	−0·02	−0·05*	9756	78	37	19
7	64·21	28	+14 25 58·85	0·00	+20·048	−0·02	−0·005	1	...	56	26
8	68·85	3	−57 45 8·32	...	+20·045	−0·02	...	11	127	65	30
9	68·90	1	−55 49 10·00	...	+20·044	−0·02	...	13	134	67	31
10	67·83	3	−19 40 52·29	+0·18	+20·044	−0·02	−0·063	4	142	70	33
11	61·87	1	+ 8 4 16·85	−0·07	+20·043	−0·02	−0·021	5	...	...	36
12	67·27	6	−76 39 44·40	...	+20·037	−0·03	...	30	175	82	45
13	67·76	4	−79 31 46·54	...	+20·033	−0·03	...	33	195	92	56
14*	62·81	17	+ 0 56 16·80	+0·05	+20·033	−0·03	+0·025†	...	...	...	57
15	67·81	2	−65 40 1·98	−3·21	+20·023	−0·03	+1·143	40	233	107	64
16*	65·65	30	−89 6 49·74	0·00	+20·022	+0·01	+0·001†	260	222	100	71
17	64·69	18	+ 7 26 25·08	+0·01	+20·020	−0·04	+0·019	16	...	...	66
18	65·59	5	−56 19 22·69	...	+20·016	−0·04	...	...	...	...	...
19	67 82	2	−70 22 28·35	...	+20·016	−0·04	...	53	253	114	70
20	67·80	2	−29 43 41·30	...	+20·014	−0·04	...	54	263	118	72
21	68·83	2	−61 47 3·72	...	+20·006	−0·04	...	63	290	127	76
22	63·44	22	+ 1 11 30·62	−0·02	+19·990	−0·05	−0·011	25	...	...	87
23	65·47	236	−78 0 53·08	−0·15	+19·989	−0·04	+0·309	74	336	146	88
24	62·26	4	+ 6 56 41·19	−0·13	+19·988	−0·05	−0·049	26	...	...	89
25	67·78	4	−44 25 43·98	...	+19·982	−0·05	...	89	351	153	93
26	67·82	4	−43 2 22·90	+1·15	+19·982	−0·05	−0·408	87	355	155	94
27	68·21	8	− 0 47 51·21	−0·04	+19·981	−0·05	+0·012	29	356	156	95
28	65·51	5	−56 29 10·47	...	+19·961	−0·05	...	...	...	...	...
29	66·78	23	− 4 42 13·09	0·00	+19·953	−0·05	−0·002	38	415	178	112
30	62·80	21	+ 4 6 46·39	...	+19·953	−0·05	...	...	...	...	...
31	67·50	4	−63 42 8·81	...	+19·933	−0·05	...	119	451	190	127
32	67·72	4	−63 42 34·85	...	+19·933	−0·05	...	120	452	191	128
33	65·51	5	−56 39 54·16	...	+19·921	−0·06	...	...	...	...	...
34	67·49	6	−63 46 30·87	...	+19·921	−0·06	...	123	467	194	134
35	67·86	2	−43 10 36·28	...	+19·908	−0·06	...	133	496	209	141

14. Proper Motion from *Bonn Observations*, Vol. VII.
16. Proper Motion determined at the Cape.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_a to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_a
					h m s	s	s	s	s
36†	Lacaille 137	5·4	64·29	6	0 28 1·79	+0·01	+2·8545	−0·030	+0·020
37	13 Ceti	5·3	69·26	14	0 28 18·12	−0·11	+3·0596	+0·001	+0·0265
38	Lacaille 144	Var.	68·88	3	0 29 14·75	...	+2·8238	−0·033	...
39*	15 Ceti	6·8*	63·64	8	0 31 10·56	−0·01	+3·0682	+0·003	−0·0048
40	Lacaille 172	5·7	66·92	3	0 34 5·40	−0·23	+2·7256	−0·036	+0·120*
41†	Phœnicis μ	4·6	67·79	4	0 34 56·28	+0·02	+2·8555	−0·023	−0·0060
42	Phœnicis ξ	5·8	67·80	2	0 35 36·48	...	+2·7506	−0·032	...
43	Sculptoris λ^1	6·1	67·78	2	0 36 12·93	...	+2·9003	−0·017	...
44	C.G.A. 651	8·5*	65·52	5	0 36 34·24	...	+2·7502	−0·031	...
45*	16 Ceti β	2·1	65·21	48	0 36 48·70	0·00	+2·9996	−0·006	+0·0141
46†	Phœnicis η	4·5	68·35	2	0 37 16·56	+0·01	+2·7226	−0·033	−0·0022
47†	Sculptoris λ^2	5·8	67·78	2	0 37 40·02	−0·04	+2·8938	−0·017	+0·0139
48	58 Piscium	5·7	61·49	1	0 39 59·27	+0·01	+3·1182	+0·010	+0·0017
49	60 Piscium	6·8†	62·90	6	0 40 24·91	0·00	+3·0967	+0·007	−0·0010
50	Piazzi O. 189	5·7	64·46	5	0 41 18·27	+0·03	+3·0912	+0·007	+0·051
51‡	63 Piscium δ	4·6	64·70	31	0 41 40·87	0·00	+3·1011	+0·008	+0·0037
52	Lacaille 226	6·1	68·91	1	0 42 40·47	...	+2·8025	−0·022	...
53	C.P.D. −56° No. 153	9‡	65·52	5	0 42 44·46	...	+2·6928	−0·029	...
54*	19 Ceti	5·3	68·83	1	0 43 21·94	+0·07	+3·0214	−0·001	−0·0173
55†	Hydri λ	5·0	67·65	6	0 43 53·44	−0·07	+2·0765	−0·035	+0·0263
56	Phœnicis ρ	5·0	67·48	6	0 44 31·97	...	+2·7449	−0·025	...
57	Lacaille 244	6·8*	68·94	1	0 45 51·08	...	+2·2596	−0·037	...
58	20 Ceti	5·0	65·79	11	0 46 6·64	0·00	+3·0633	+0·004	−0·0022
59	Lacaille 253	5·6	68·89	3	0 48 0·34	...	+2·5118	−0·032	...
60*	22 Ceti	5·6	68·83	1	0 49 15·33	+0·01	+3·0115	−0·001	−0·0034
61	Lacaille 259	6·9*	67·83	1	0 49 53·65	...	+2·6756	−0·025	...
62†	Toucani λ^2	5·4	66·92	3	0 49 57·10	+0·02	+2·2664	−0·033	−0·010
63	23 Ceti	5·8	67·88	1	0 51 58·44	+0·01	+3·0076	−0·001	−0·0046
64	Lacaille 271	6·3*	68·91	1	0 52 44·92	−0·03	+2·5120	−0·029	+0·008*
65	70 Piscium	8·0†	66·91	1	0 55 5·64	0·00	+3·1123	+0·009	−0·0020
66	C.P.D. −56° No. 198	8‡	65·51	4	0 55 26·65	...	+2·5811	−0·025	...
67‡	71 Piscium ϵ	4·5	64·39	23	0 55 56·38	0·00	+3·1127	+0·009	−0·0071
68	25 Ceti	5·9	68·83	1	0 56 12·92	+0·03	+3·0405	+0·002	−0·0091
69†	Lacaille 288	5·9	67·42	8	0 56 18·78	+0·02	+2·5570	−0·025	−0·008
70*	26 Ceti	6·0	62·90	6	0 56 52·29	+0·01	+3·0757	+0·005	+0·0068

54. ϕ^2 in B.A.C.
59. λ^1 Toucani in B.A.C.
60. ϕ^3 in B.A.C.
63. ϕ^4 in B.A.C.
69. ω Phœnicis in B.A.C.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for $\mu\delta$ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion. $\mu\delta$	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
36	64·29	6	−53 7 9·66	+0·01	+19·905	−0·06	+0·01	137	501	211	143
37	69·20	14	− 4 20 11·42	+0·09	+19·903	−0·06	−0·021	50	505	213	145
38*	68·88	3	−55 33 51·59	...	+19·892	−0·06	...	144	518	218	151
39	61·77	9	− 1 14 46·97	−0·01	+19·870	−0·07	−0·002	55	558	231	163
40	66·92	3	−60 12 47·48	−0·81	+19·834	−0·07	+0·42*	172	617	253	176
41	67·75	5	−46 49 34·98	+0·08	+19·823	−0·07	−0·030	177	626	258	183
42	67·71	3	−57 14 40·65	...	+19·814	−0·07	...	180	633	262	188
43	67·78	2	−39 12 12·88	...	+19·805	−0·07	...	183	645	271	192
44	65·52	5	−56 35 2·64	...	+19·800	−0·07	...	...	651	...	...
45	64·52	88	−18 43 41·10	+0·02	+19·797	−0·08	+0·043	70	657	277	196
46	68·35	2	−58 12 13·75	+0·03	+19·790	−0·07	−0·010	190	662	280	199
47	67·78	2	−39 9 57·17	−0·33	+19·785	−0·08	+0·119	192	666	283	202
48	61·49	1	+11 14 13·55	−0·05	+19·751	−0·09	−0·013	76	...	...	213
49	62·76	4	+ 6 0 12·28	−0·01	+19·744	−0·09	−0·003	80	...	...	216
50	63·42	13	+ 4 35 11·76	−1·80	+19·730	−0·09	−1·14	...	...	317	221
51	63·97	49	+ 6 50 59·35	−0·04	+19·724	−0·09	−0·041	85	...	318	222
52	68·91	1	−47 26 7·18	...	+19·708	−0·08	...	226	745	323	231
53	65·52	5	−56 49 32·49	...	+19·708	−0·08	...	...	...	...	...
54*	68·83	1	−11 22 20·79	+0·83	+19·697	−0·09	−0·217	89	757	328	233
55	67·55	7	−75 39 31·48	+0·01	+19·688	−0·06	−0·002	235	762	330	236
56	67·48	6	−51 43 27·10	...	+19·678	−0·09	...	233	769	335	238
57	68·94	1	−71 53 15·98	...	+19·655	−0·08	...	244	788	340	241
58	63·68	42	− 1 52 40·59	−0·01	+19·651	−0·10	−0·009	93	792	343	242
59*	68·89	3	−63 36 17·34	...	+19·617	−0·09	...	253	825	354	251
60*	68·83	1	−11 59 52·96	−0·01	+19·594	−0·10	+0·003	103	851	364	260
61	67·83	1	−53 55 20·26	...	+19·582	−0·09	...	259	861	367	265
62	66·92	3	−70 15 28·08	+0·10	+19·581	−0·08	−0·05	262	860	366	266
63*	67·88	1	−12 6 32·83	+0·07	+19·542	−0·11	−0·024	106	900	376	271
64	68·91	1	−61 25 36·31	0·00	+19·526	−0·09	0·00*	271	910	380	276
65	66·91	1	+ 7 12 45·76	−0·13	+19·478	−0·12	+0·07	110	...	...	281
66	65·51	4	−56 53 9·81	...	+19·471	−0·10	...	...	...	...	...
67	64·00	50	+ 7 9 45·42	+0·04	+19·461	−0·12	+0·036	113	...	400	288
68	68·83	1	− 5 33 33·21	+0·34	+19·455	−0·12	−0·090	115	958	404	291
69*	67·42	8	−57 43 48·17	0·00	+19·453	−0·10	0·00	288	959	402	292
70	62·73	38	+ 0 38 32·90	−0·08	+19·441	−0·12	−0·035	116	...	...	295

38. Suspected Variable; $^{m}5{\cdot}7-^{m}6{\cdot}5$ in *Uranometria Argentina.*

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
71	Lacaille 298.....	6·7*	67·84	2	0 57 32·06	...	+2·3196	−0·028	...
72	Lacaille 296.....	6·5*	67·89	1	0 58 10·06	...	+2·8433	−0·012	...
73	30 Ceti	5·9	67·88	1	1 0 59·06	−0·03	+3·0068	0·000	+0·0090
74	29 Ceti	7·0†	62·90	6	1 1 2·16	+0·02	+3·0800	+0·006	+0·0072
75	80 Piscium .....*e*	5·7	63·19	6	1 1 25·12	−0·04	+3·1026	+0·008	−0·0195
76†	Toucani .....*t*	5·2	66·91	3	1 1 57·36	+0·01	+2·3860	−0·025	−0·007
77	Phœnicis .....ζ	4·1	67·67	4	1 2 42·21	...	+2·5372	−0·022	...
78	32 Ceti	6·5	68·83	1	1 3 25·80	+0·01	+3·0101	+0·001	−0·0030
79	33 Ceti	6·3	70·05	3	1 3 36·81	+0·01	+3·0831	+0·006	−0·0017
80	Lacaille 321.....	6·8*	68·93	2	1 3 44·55	...	+2·4998	−0·023	...
81	Lacaille 325.....	6·8	67·83	3	1 4 42·78	...	+2·4854	−0·022	...
82	86 Piscium *pr*.....ζ	5·2†	66·35	15	1 6 40·89	−0·01	+3·1182	+0·009	+0·0075
83	86 Piscium *seq*.....ζ	7·7†	65·84	4	1 6 42·31	−0·01	+3·1182	+0·009	+0·0072
84	Lalande 2204.....	8·5*	68·87	1	1 7 8·53	...	+3·0154	+0·002	...
85	38 Ceti	5·8	69·57	1	1 7 55·67	+0·03	+3·0605	+0·005	−0·0063
86	Phœnicis .....*v*	4·9	66·94	1	1 9 5·58	−0·13	+2·6572	−0·016	+0·067*
87	Lacaille 341.....	7*	68·91	1	1 9 28·32	...	+2·4724	−0·020	...
88	89 Piscium .....*f*	5·1	63·91	7	1 10 50·33	−0·01	+3·0927	+0·007	−0·0049
89	41 Ceti	7·0*	67·88	1	1 10 55·47	0·00	+3·0121	+0·002	−0·0004
90	Toucani *seq*.....*κ*	5·5*	67·44	8	1 11 11·16	−0·20	+1·9735	−0·015	+0·080*
91	Lacaille 359.....	6·9*	68·90	3	1 11 51·82	...	+2·0439	−0·017	...
92	Lacaille 361.....	6·2	69·93	4	1 12 22·12	...	+2·0887	−0·018	...
93	42 Ceti (as one mass)	6·3	68·88	1	1 12 54·33	0·00	+3·0631	+0·005	−0·0010
94	43 Ceti	6·7*	62·90	6	1 15 40·66	0·00	+3·0633	+0·005	−0·0013
95*	45 Ceti.....*θ*	3·8	65·89	35	1 17 16·60	+0·01	+3·0029	+0·002	−0·0069
96	Lacaille 391	6·9*	67·82	5	1 17 17·59	...	+2·0251	−0·015	...
97	Lacaille 392.....	5·3	66·91	1	1 18 42·08	...	+2·6639	−0·013	...
98	Lacaille 395.....	6·3	67·83	1	1 18 49·87	...	+2·6174	−0·014	...
99	93 Piscium .....*p*	5·2	61·94	1	1 18 59·01	−0·02	+3·2229	+0·016	−0·0056
100	94 Piscium.....	5·6	62·54	2	1 19 24·43	0·00	+3·2243	+0·016	+0·0012
101	Bradley 191.....	6·6*	62·90	6	1 19 32·97	0·00	+3·0633	+0·006	+0·0006
102	48 Andromedæ ....*ω*	4·8	70·95	3	1 19 35·82	−0·19	+3·5225	+0·042	+0·0312
103†	Lacaille 409.....	5·8	68·91	3	1 20 24·91	+0·01	+2·0830	−0·015	−0·003
104†	Phœnicis ..... *γ*	3·3	67·76	4	1 22 30·00	+0·01	+2·6171	−0·013	−0·0052
105	98 Piscium.....*μ*	5·2	66·17	13	1 23 6·93	−0·02	+3·1173	+0·009	+0·0177

82. ζ in B.A.C.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
71	67·84	2	−66 10 55·88	...	+19·427	−0·09	...	298	978	412	301
72	67·89	1	−34 15 25·07	...	+19·413	−0·11	...	296	987	418	306
73	67·88	1	−10 30 29·66	−0·03	+19·349	−0·12	+0·011	135	1044	438	323
74	62·82	11	+ 1 17 13·65	−0·95	+19·348	−0·13	−0·438	133	...	...	324
75	62·77	26	+ 4 56 4·90	−0·39	+19·339	−0·13	−0·174	136	...	441	328
76	66·91	3	−62 29 49·80	+0·02	+19·327	−0·10	−0·01	316	1057	445	333
77	67·67	4	−55 58 4·43	...	+19·309	−0·11	...	318	1069	450	340
78	68·83	1	− 9 37 30·43	+0·18	+19·292	−0·13	−0·047	147	1079	452	342
79	69·98	4	+ 1 43 34·09	+0·02	+19·288	−0·13	−0·004	148	...	...	344
80	68·93	2	−57 18 53·21	...	+19·284	−0·11	...	321	1083	454	347
81	67·83	3	−57 34 48·45	...	+19·261	−0·11	...	325	1100	457	354
82*	65·94	17	+ 6 51 37·95	+0·05	+19·212	−0·14	−0·051	158	...	468	368
83	65·84	4	+ 6 51 48·10	+0·04	+19·212	−0·14	−0·043	159	...	...	369
84	68·87	1	− 8 20 16·67	...	+19·201	−0·14	...	...	1142	470	371
85	69·57	1	− 1 41 49·56	−1·01	+19·181	−0·14	+0·220	165	1156	475	374
86	66·94	1	−46 15 12·90	−0·29	+19·151	−0·12	+0·15*	337	1174	483	380
87	68·91	1	−56 20 51·05	...	+19·141	−0·12	...	341	1180	485	383
88	64·19	10	+ 2 54 9·46	−0·02	+19·105	−0·15	−0·019	171	...	...	388
89	67·88	1	− 8 22 21·55	−0·12	+19·103	−0·14	+0·042	172	1209	495	389
90	67·44	8	−69 35 37·03	−0·17	+19·096	−0·10	+0·07*	356	1210	496	392
91	68·90	3	−68 8 40·45	...	+19·077	−0·10	...	359	1217	498	396
92†	69·22	7	−67 6 38·06	...	+19·064	−0·10	...	361	1231	502	398
93	68·88	1	− 1 13 8·90	−0·01	+19·049	−0·15	+0·002	175	1241	507	400
94	62·77	9	− 1 9 24·11	0·00	+18·972	−0·15	+0·002	181	1294	523	406
95	65·16	32	− 8 52 51·24	+0·03	+18·926	−0·15	−0·210	184	1326	543	420
96	67·67	6	−67 5 27·33	...	+18·926	−0·11	...	391	1322	537	422
97	66·91	1	−42 11 46·04	...	+18·884	−0·14	...	392	1345	551	426
98	67·83	1	−45 13 56·78	...	+18·880	−0·14	...	395	1347	554	428
99	61·94	1	+18 28 6·85	+0·09	+18·876	−0·17	+0·029	185	...	...	427
100	62·54	2	+18 32 23·66	−0·09	+18·864	−0·17	−0·038	189	...	...	431
101	62·75	5	− 1 6 5·01	−0·05	+18·859	−0·16	−0·02	191	1361	557	433
102	70·94	4	+44 42 30·41	+0·62	+18·858	−0·18	−0·104	186	...	...	432
103	68·91	3	−65 4 19·40	+0·08	+18·833	−0·11	−0·02	409	1373	563	436
104	67·76	4	−44 0 38·38	+0·58	+18·770	−0·14	−0·209	419	1411	580	447
105	64·11	31	+ 5 26 48·71	−0·03	+18·751	−0·17	−0·031	199	...	585	448

m m ″ °
92. 6·3, 9·3; 2·5; 340. Fainter star probably not seen.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
106‡	99 Piscium *pr*..... η	3·7	65·25	16	1 24 15·85	0·00	+3·1977	+0·014	+0·0002
107	C.P.D.−5° No. 311	8·5‡	65·55	4	1 24 41·93	...	+2·3316	−0·015	...
108†	Phœnicis..... δ	3·9	66·92	4	1 25 37·68	−0·02	+2·4951	−0·014	+0·0115
109	Lacaille 445.....	7*	68·93	3	1 25 43·70	...	+2·4772	−0·014	...
110	49 Ceti.....	5·5	68·55	3	1 28 2·16	−0·01	+2·9249	−0·001	+0·0040
111	101 Piscium.....	6·6†	62·99	3	1 28 33·61	0·00	+3·1974	+0·014	−0·0016
112	Piazzi I. 120.....	5·9	62·91	1	1 28 36·84	...	+3·2237	+0·016	...
113	Lacaille 460.....	7·0*	67·90	2	1 28 37·30	...	+2·5427	−0·012	...
114	Persei..... υ	3·7	70·94	3	1 29 43·28	−0·03	+3·6375	+0·048	+0·0048
115	Lacaille 479	6·0	68·64	4	1 31 47·80	...	+2·2057	−0·013	...
116	C.Z. I. 854.....	9·5*	65·53	4	1 31 50·22	...	+2·2765	−0·013	...
117	C.Z. I. 860	9·0*	65·59	3	1 32 4·94	...	+2·2683	−0·013	...
118	105 Piscium	6·1	62·69	2	1 32 24·17	+0·01	+3·2197	+0·015	+0·0032
119†	Eridani ..... α	0·5	66·56	9	1 32 40·98	−0·01	+2·2324	−0·013	+0·0092
120	Lacaille 489 *pr*.	7*	67·89	2	1 33 34·14	...	+2·3381	−0·013	...
121	Lacaille 499.....	7·2*	68·94	1	1 34 24·51	...	+1·8530	−0·006	...
122*	106 Piscium..... ν	4·7	65·96	25	1 34 24·56	0·00	+3·1170	+0·009	−0·0028
123	Eridani *pr*..... p	6·1	68·96	1	1 34 40·44	...	+2·2493	−0·012	...
124‡	110 Piscium ..... o	4·4	66·52	21	1 38 16·10	−0·01	+3·1549	+0·011	+0·0035
125*	Piazzi I. 167.....	5·7	68·55	3	1 39 12·91	+0·01	+3·0090	+0·004	−0·0028
126*	Sculptoris..... ϵ	5·3	66·91	2	1 39 19·37	−0·02	+2·8015	−0·004	+0·0094
127	Lacaille 516.....	6·9*	68·91	2	1 40 0·23	...	+2·0227	−0·008	...
128	C.Z. I. 1044.....	9·5*	65·55	4	1 40 23·71	...	+2·2063	−0·011	...
129	C.Z. I. 1059.....	9·0*	65·60	4	1 40 52·73	...	+2·1958	−0·011	...
130†	Eridani..... q^2	5·1	66·93	3	1 40 57·34	−0·02	+2·2814	−0·011	+0·0091
131	Piazzi I. 175.....	6·5†	62·90	6	1 41 26·65	...	+3·1022	+0·008	...
132	Lacaille 524.....	6·4*	67·88	3	1 41 33·33	...	+2·5479	−0·009	...
133*	55 Ceti .. .. ζ	3·9	68·55	3	1 44 47·85	0·00	+2·9573	+0·002	+0·0010
134	Lacaille 542.....	6·4*	68·96	1	1 44 54·91	...	+2·4044	−0·010	...
135	Lacaille 547.....	5·9	68·58	3	1 45 40·03	...	+2·3407	−0·010	...
136*	111 Piscium..... ξ	4·7	65·76	11	1 46 34·19	0·00	+3·0984	+0·008	0·0000
137‡	6 Arietis ..... β	2·8	65·56	9	1 47 11·28	0·00	+3·2933	+0·018	+0·0054
138	C.Z. I. 1242.....	9·5*	65·53	4	1 47 28·54	...	+2·1495	−0·009	...
139†	Phœnicis..... ψ	4·1	67·64	7	1 48 13·88	+0·04	+2·4206	−0·009	−0·014
140	Phœnicis..... ϕ	5·0	66·93	2	1 48 45·83	...	+2·4991	−0·008	...

114. 51 Andromedæ in B.A.C.
123. B.A.C. gives no letter.
126. Fundamental Star for Southern Zones.
139. B.A.C. gives no letter.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
106	63·11	27	+14 38 55·92	0·00	+18·715	−0·18	−0·002	203	...	594	453
107	65·55	4	−56 53 26·52	...	+18·701	−0·13	...	...	...	...	...
108	66·92	4	−49 46 30·59	−0·29	+18·672	−0·14	+0·153	440	1462	600	461
109	68·93	3	−50 35 51·18	...	+18·668	−0·14	...	445	1465	603	462
110	68·55	3	−16 22 8·86	−0·02	+18·594	−0·17	+0·007	210	1515	620	475
111	62·69	2	+13 58 11·89	0·00	+18·576	−0·18	−0·001	211	...	...	476
112	62·91	1	+16 44 29·34	...	+18·575	−0·19	...	...	...	...	477
113	67·90	2	−46 23 13·65	...	+18·575	−0·15	...	460	1525	623	478
114*	70·94	4	+47 56 33·75	+0·69	+18·538	−0·21	−0·117	212	...	...	487
115	68·64	4	−58 57 37·17	...	+18·468	−0·13	...	479	1580	644	479
116	65·53	4	−56 45 29·40	...	+18·467	−0·14	...	...	...	...	...
117	65·58	4	−56 57 32·69	...	+18·458	−0·14	...	...	...	...	...
118	62·69	2	+15 43 10·98	−0·02	+18·447	−0·19	−0·008	223	...	...	500
119	65·89	19	−57 55 24·61	+0·04	+18·438	−0·14	−0·040	484	1594	650	507
120	67·89	2	−54 7 26·09	...	+18·407	−0·14	...	489	1606	657	513
121	68·94	1	−66 17 29·64	...	+18·378	−0·12	...	499	1625	663	520
122	65·02	53	+ 4 48 11·58	0·00	+18·377	−0·19	+0·007	228	...	665	518
123*	68·96	1	−56 52 52·15	...	+18·369	−0·15	...	495	1633	667	521
124	66·64	23	+ 8 28 37·33	−0·09	+18·240	−0·20	+0·055	232	...	688	537
125	68·55	3	− 6 24 34·60	+0·09	+18·205	−0·19	−0·024	...	1709	695	539
126*	66·91	2	−25 43 42·13	+0·06	+18·201	−0·18	−0·033	511	1713	696	541
127	68·91	2	−61 41 47·78	...	+18·176	−0·13	...	516	1722	698	543
128	65·55	4	−56 47 3·38	...	+18·161	−0·14	...	...	...	...	...
129	65·60	4	−56 58 16·06	...	+18·143	−0·14	...	...	...	...	...
130	66·93	3	−54 12 3·84	−0·09	+18·141	−0·15	+0·047	523	1737	703	550
131	62·68	19	+ 3 0 36·80	...	+18·122	−0·20	...	...	...	...	...
132	67·88	3	−42 26 12·90	...	+18·119	−0·17	...	524	1750	706	552
133	68·55	3	−11 0 10·89	+0·09	+17·995	−0·20	−0·025	247	1805	734	565
134	68·96	1	−48 29 19·83	...	+17·990	−0·16	...	542	1806	732	567
135	68·58	3	−50 52 32·38	...	+17·961	−0·16	...	547	1816	738	571
136	64·23	25	+ 2 31 11·17	+0·02	+17·926	−0·21	+0·025	251	...	...	574
137	63·42	26	+20 8 47·98	−0·16	+17·902	−0·22	−0·103	252	...	749	577
138	65·53	4	−56 46 44·98	...	+17·890	−0·15	...	...	...	...	...
139*	67·64	7	−46 57 53·62	+0·37	+17·860	−0·17	−0·14	559	1864	754	582
140	67·16	3	−43 9 37·79	...	+17·839	−0·18	...	565	1871	756	585

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
141	Hydri..... η^1	Var.	67·21	3	1 49 10·10	...	+1·5068	+0·010	...
142	8 Arietis..... ι	5·2	64·86	1	1 49 58·82	0·00	+3·2626	+0·016	+0·0011
143	Lacaille 584 (mass)	6·5*	68·88	1	1 50 57·65	...	+1·9505	−0·005	...
144	58 Ceti	6·4*	68·87	1	1 51 7·80	0·00	+3·0424	+0·006	+0·001
145†	Hydri..... η^2	4·7	66·96	3	1 51 31·22	−0·02	+1·5000	+0·010	+0·0117
146	Lacaille 588.....	6·0	68·93	1	1 51 51·25	...	+2·2569	−0·008	...
147	Lacaille 621.....	7·2*	68·96	1	1 53 49·78	...	+0·0351	+0·129	...
148	Lacaille 599.....	5·4	67·90	2	1 54 4·82	...	+2·4833	−0·007	...
149†	Hydri..... α	3·0	70·92	9	1 54 30·99	−0·20	+1·8558	−0·003	+0·0345
150	Hydri..... σ	6·3*	68·58	3	1 56 8·24	...	−0·2689	+0·168	...
151	Lacaille 616.....	6·3*	66·93	4	1 56 8·72	...	+1·5637	+0·007	...
152	60 Ceti	5·4	68·88	2	1 56 16·43	−0·01	+3·0661	+0·007	+0·0034
153	Piazzi I. 243.....	7·0†	64·86	1	1 56 18·59	...	+3·2781	+0·017	...
154	C.G.A. 2026.....	5·7	67·88	1	1 56 28·63	...	+2·8860	+0·001	...
155	C.G.A. 2051.....	8*	65·54	4	1 57 41·41	...	+2·0650	−0·006	...
156‡	13 Arietis..... α	2·0	65·54	28	1 59 34·14	−0·01	+3·3525	+0·020	+0·0124
157	Lacaille 643.....	6·9*	68·91	2	2 0 4·50	...	+1·1220	+0·028	...
158	Lacaille 640.....	7·4*	67·89	1	2 1 47·94	...	+2·0777	−0·005	...
159*	62 Ceti.....	7·1	68·88	2	2 2 19·43	+0·03	+3·0367	+0·006	−0·0075
160	Lacaille 641	6·5*	67·88	3	2 2 36·07	...	+2·4469	−0·006	...
161	15 Arietis	6·0‡	63·59	1	2 3 9·01	+0·01	+3·3059	+0·018	+0·0047
162	Lacaille 664.....	6·9*	67·89	2	2 3 37·29	...	+1·4860	+0·010	...
163	Lacaille 662.....	7·3*	68·94	4	2 4 50·02	...	+2·1733	−0·006	...
164	17 Arietis..... η	5·5‡	62·82	3	2 5 14·88	+0·02	+3·3329	+0·019	+0·0102
165	65 Ceti..... ξ^1	4·5	67·32	22	2 5 50·90	+0·01	+3·1728	+0·012	−0·0032
166	C.P.D.−56° No. 389	8‡	65·55	5	2 6 18·45	...	+1·9998	−0·004	...
167*	67 Ceti	5·5	66·17	29	2 10 15·12	−0·01	+2·9831	+0·005	+0·0044
168	Lacaille 704	7·4	68·96	1	2 10 21·73	...	+0·3589	+0·080	...
169	22 Arietis..... θ	6·0‡	62·84	3	2 10 37·28	−0·01	+3·3243	+0·018	−0·0026
170	Hydri..... π^2	5·4	68 90	1	2 12 40·29	...	+1·2270	+0·021	...
171	C.G.A. 2369.....	8·3*	65·55	4	2 13 17·32	...	+1·9468	−0·002	...
172	Lacaille 703.....	6·6*	67·88	3	2 14 1·55	...	+2·3963	−0·005	...
173	Lacaille 734.....	6·6*	67·96	1	2 14 25·10	...	−0·1285	+0·125	...
174	69 Ceti	5·8	67·89	1	2 15 1·89	0·00	+3·0692	+0·008	−0·0015
175	Lacaille 717.....	5·4	68·94	2	2 15 31·83	...	+1·9430	−0·002	...

150. B.A.C. gives no letter.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
141*	67·21	3	−68 36 36·19	...	+17·823	−0·11	...	577	1878	758	589
142	64·86	1	+17 9 26·25	0·00	+17·790	−0·23	−0·019	262	...	...	592
143	68·88	1	−60 58 22·87	...	+17·750	−0·14	...	584	1909	766	599
144	68·87	1	− 2 43 10·19	−0·08	+17·743	−0·21	+0·020	268	1921	772	598
145	66·96	3	−68 18 43·42	−0·10	+17·728	−0·11	+0·052	594	1924	774	603
146	68·93	1	−52 26 7·25	...	+17·714	−0·16	...	588	1932	778	606
147	68·96	1	−78 9 13·26	...	+17·632	−0·01	...	621	1961	787	622
148	67·90	2	−42 40 58·67	...	+17·621	−0·18	...	599	1973	793	621
149	70·91	11	−62 13 38·83	−0·07	+17·603	−0·14	+0·011	605	1981	795	623
150*	68·41	4	−79 0 29·54	...	+17·535	+0·01	...	637	2004	804	638
151	67·07	5	−66 43 17·80	...	+17·534	−0·12	...	616	2009	805	635
152	68·88	2	− 0 31 25·30	−0·12	+17·529	−0·23	+0·032	280	2019	810	633
153	64·86	1	+17 36 10·96	...	+17·527	−0·24	...	...	...	...	632
154	67·88	1	−15 57 27·82	...	+17·520	−0·21	...	...	2026	812	636
155	65·54	4	−56 53 47·07	...	+17·469	−0·15	...	...	2051	...	...
156	63·78	32	+22 49 20·83	−0·17	+17·387	−0·25	−0·140	287	...	830	648
157	68·91	2	−71 4 9·96	...	+17·365	−0·09	...	643	2095	828	652
158	67·89	1	−55 43 38·13	...	+17·289	−0·16	...	640	2128	840	659
159	68·88	2	− 2 58 17·66	+0·10	+17·266	−0·23	−0·027	295	2143	844	660
160	67·88	3	−42 31 19·88	...	+17·253	−0·19	...	641	2146	845	664
161*	63·59	1	+18 51 42·00	−0·03	+17·229	−0·25	−0·021	296	...	...	665
162	67·91	3	−66 35 14·07	...	+17·208	−0·12	...	664	2165	854	671
163	68·94	4	−52 22 18·54	...	+17·153	−0·17	...	662	2195	866	680
164*	63·11	4	+20 34 30·00	+0·03	+17·134	−0·26	+0·017	303	...	...	682
165	67·39	23	+ 8 12 43·21	0·00	+17·107	−0·25	−0·001	306	...	872	684
166	65·55	5	−56 51 46·15	...	+17·086	−0·16	...	...	...	...	...
167	65·06	16	− 7 2 44·18	+0·01	+16·903	−0·24	−0·103	321	2310	904	704
168	68·96	1	−75 8 3·97	...	+16·897	−0·03	...	704	2298	900	709
169*	62·84	3	+19 16 30·64	+0·01	+16·885	−0·27	+0·006	320	...	...	707
170	68·90	1	−68 22 21·72	...	+16·788	−0·11	...	706	2352	916	724
171	65·55	4	−56 52 14·49	...	+16·758	−0·16	...	...	2369	...	...
172	67·88	3	−42 28 16·70	...	+16·722	−0·20	...	703	2383	927	726
173	67·96	1	−76 59 5·26	...	+16·704	0·00	...	734	2382	924	730
174	67·89	1	− 0 13 21·08	+0·04	+16·674	−0·26	−0·015	333	2405	934	729
175	68·94	2	−56 33 56·57	...	+16·649	−0·17	...	717	2412	936	734

141. Magnitude in *Uranometria Argentina* 6·6−7·5.
161, 164, 169. Magnitude and Proper Motion from *Cape Annals*, Vol. VII.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	
176	Lacaille 722	7·3*	67·92	2	2 16 6·79	...	+1·9020	−0·001	...
177	Lacaille 721	6·5*	67·88	3	2 16 54·03	...	+2·3504	−0·004	...
178	Lacaille 720	7·3*	67·93	1	2 17 20·73	...	+2·6281	−0·002	...
179	71 Ceti	6·5*	67·90	2	2 18 9·28	0·00	+3·0271	+0·007	−0·0009
180	Lacaille 739	6·9*	67·91	2	2 19 9·92	...	+1·8777	0·000	...
181†	Hydri δ	4·2	66·94	1	2 19 21·28	+0·02	+1·0535	+0·029	−0·0120
182‡	73 Ceti ξ^2	4·4	65·94	31	2 20 59·10	0·00	+3·1785	+0·012	+0·0012
183†	Horologii λ	5·4	68·91	3	2 21 7·56	+0·04	+1·6834	+0·004	−0·0098
184†	Hydri κ	6·0	...	...	2 22 5	...	+0·3162	+0·077	−0·030
185	Lacaille 751	5·9	67·93	1	2 22 46·22	...	+2·5901	−0·002	...
186	27 Arietis	6.5†	61·72	1	2 23 (24·93)	0·00	+3·3131	+0·017	+0·0014
187	Lacaille 779	6·3	70·27	12	2 24 55·50	...	+1·3846	+0·014	...
188*	76 Ceti σ	4·7	67·90	2	2 25 41·32	+0·02	+2·8468	+0·002	−0·0071
189	Lacaille 785	7·3*	66·94	1	2 27 15·06	...	+2·2288	−0·003	...
190	C.P.D.−56° No.441	9‡	65·61	5	2 27 18·05	...	+1·8481	+0·001	...
191	78 Ceti ν	4·9	70.03	1	2 28 47·58	+0·03	+3·1428	+0·010	−0·0051
192	31 Arietis	5·6	67·06	5	2 29 16·45	−0·04	+3·2423	+0·014	+0·0177
193	Lacaille 799	6·5*	67·89	3	2 29 18·53	...	+2·0460	−0·001	...
194	80 Ceti	5·8	67·93	1	2 29 21·43	+0·01	+2·9520	+0·005	−0·0040
195‡	32 Arietis ν	5·4	62·70	1	2 31 9·44	0·00	+3·3927	+0·019	−0·0019
196†	Horologii η	5·1	67·94	2	2 32 57·37	−0·01	+1·9687	0·000	+0·0021
197	83 Ceti ϵ	5·0	67·90	2	2 33 2·16	−0·02	+2·8893	+0·004	+0·0081
198†	Hydri μ	5·3	68·96	1	2 34 37·05	−0·15	−1·5223	+0·266	+0·0390
199	34 Arietis μ	5·8	61·72	1	2 34 45·54	0·00	+3·3669	+0·018	+0·0009
200	Lacaille 854	7·1	67·88	2	2 35 40·26	...	+1·0053	+0·029	...
201‡	86 Ceti *seq.* γ	3·6	65·72	25	2 36 18·47	+0·01	+3·1113	+0·009	−0·0112
202	Horologii ζ	5·2	67·93	1	2 36 27·56	...	+1·8615	+0·002	...
203	Lacaille 863	6·5	67·89	2	2 36 37·79	...	+1·2726	+0·018	...
204	Lacaille 867	7·0*	68·92	3	2 37 13·30	...	+1·0237	+0·028	...
205†	Hydri ϵ	4·2	66·94	1	2 37 31·19	−0·03	+0·8794	+0·034	+0·0147
206	38 Arietis	5·2	64·64	4	2 37 36·49	0·00	+3·2505	+0·014	+0·0073
207‡	87 Ceti μ	4·4	67·76	22	2 37 38·95	−0·05	+3·2147	+0·013	+0·0173
208	1 Eridani τ^1	4·7	67·90	2	2 38 48·15	−0·06	+2·7755	+0·002	+0·0218
209	Lacaille 874	6·1	68·41	2	2 39 50·85	...	+1·9265	+0·001	...
210	Lacaille 875	7·0*	66·94	1	2 40 28·53	...	+2·2571	−0·001	...

207. B.A.C. assigns to Aries.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
176	67·92	2	−57 24 10·51	...	+16·621	−0·16	...	722	2424	938	736
177	67·88	3	−43 49 5·18	...	+16·582	−0·20	...	721	2446	946	739
178	67·93	1	−30 28 51·25	...	+16·560	−0·22	...	720	2460	951	742
179	67·90	2	− 3 23 32·65	−0·02	+16·520	−0·26	+0·007	339	2482	956	747
180	67·91	2	−57 25 40·75	...	+16·470	−0·16	...	739	2496	961	753
181	66·94	1	−69 16 29·10	−0·01	+16·461	−0·10	+0·007	747	2498	960	756
182	66·28	43	+ 7 51 12·12	0·00	+16·379	−0·27	+0·003	347	...	973	760
183	68·91	3	−60 55 2·27	+0·55	+16·371	−0·15	−0·140	752	2541	971	762
184	67·96	2	−74 15 26·51	+0·06	+16·323	−0·04	−0·020	774	2552	975	767
185	67·93	1	−31 42 24·51	...	+16·288	−0·23	...	751	2576	984	768
186	61·72	1	+17 6 17·04	−0·28	+16·255	−0·29	−0·086	351	...	...	771
187	70·36	14	−64 54 12·01	...	+16·178	−0·13	...	779	2622	1000	779
188	67·90	2	−15 50 19·37	+0·34	+16·138	−0·25	−0·116	356	2642	1009	781
189	66·94	1	−46 28 3·76	...	+16·056	−0·20	...	785	2668	1018	787
190	65·61	5	−56 47 18·58	...	+16·054	−0·17	...	...	...	...	...
191	70·03	1	+ 5 0 8·07	+0·14	+15·976	−0·28	−0·028	362	...	1034	794
192	66·37	6	+11 51 36·34	+0·10	+15·950	−0·29	−0·075	364	...	...	798
193	67·89	3	−51 41 8·99	...	+15·948	−0·19	...	799	2725	1035	801
194	67·93	1	− 8 25 13·87	+0·19	+15·945	−0·27	−0·064	365	2728	1037	799
195	62·70	2	+21 22 32·05	−0·04	+15·849	−0·31	−0·016	367	...	...	808
196	67·59	3	−53 7 43·44	+0·13	+15·752	−0·19	−0·049	821	2802	1058	820
197	67·90	2	−12 26 49·18	+0·71	+15·748	−0·27	−0·245	375	2810	1064	815
198	68·96	1	−79 41 53·11	+0·15	+15·662	+0·13	−0·038	883	2824	1071	833
199	62·32	2	+19 26 2·31	−0·10	+15·654	−0·31	−0·037	377	...	...	825
200	67·90	3	−67 52 59·10	...	+15·604	−0·10	...	854	2853	1085	835
201	63·89	27	+ 2 39 53·99	−0·16	+15·569	−0·29	−0·143	383	...	1096	837
202	67·93	1	−55 7 44·56	...	+15·560	−0·18	...	847	2866	1093	839
203	67·89	2	−64 51 44·98	...	+15·551	−0·12	...	863	2868	1095	841
204	68·92	3	−67 32 10·14	...	+15·519	−0·10	...	867	2878	1100	846
205	66·94	1	−68 50 47·61	0·00	+15·502	−0·09	−0·002	871	2887	1105	849
206	64·64	4	+11 52 32·78	−0·02	+15·497	−0·31	−0·069	386	...	...	844
207*	67·69	23	+ 9 32 31·91	+0·05	+15·495	−0·30	−0·019	387	....	1111	845
208	67·90	2	−19 8 43·51	−0·16	+15·430	−0·26	+0·054	390	2924	1124	856
209	68·41	2	−53 8 30·79	...	+15·372	−0·19	...	874	2935	1126	862
210	66·94	2	−43 24 20·39	...	+15·336	−0·22	...	875	2957	1136	864

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
211	40 Arietis	6·1	61·87	1	2 40 58·12	+0·01	+3·3480	+0·017	+0·0018
212	Lacaille 893	6·2	68·23	2	2 41 5·69	−0·05	+1·0075	+0·028	+0·017*
213	Lacaille 898	6·6	68·96	1	2 41 42·49	...	+0·7240	+0·041	...
214	42 Arietis π	5·6	63·86	6	2 41 45·79	0·00	+3·3356	+0·016	−0·0011
215‡	41 Arietis	3·8	61·84	2	2 42 2·63	+0·01	+3·5089	+0·023	+0·0038
216	Fornacis η^1	6·7*	67·93	1	2 42 5·21	...	+2·4382	−0·001	...
217	43 Arietis σ	5·5	66·89	1	2 44 2·71	0·00	+3·2993	+0·015	−0·0002
218	Lacaille 884	7·3*	67·89	3	2 44 4·05	...	+2·1341	−0·001	...
219	Fornacis η^2	5·7	67·90	1	2 44 47·15	...	+2·4226	−0·001	...
220	Horologii ν	5·3	68·94	3	2 46 2·15	...	+1·3053	+0·016	...
221	Lacaille 919	7·5*	68·63	3	2 47 23·16	...	+1·6583	+0·006	...
222	Lacaille 912	6·7*	67·93	1	2 47 36·82	...	+2·2695	−0·001	...
223	Lacaille 934	6·9*	68·92	1	2 48 49·76	...	+1·2227	+0·018	...
224	Lacaille 937	6·4*	67·92	1	2 49 25·12	...	+1·2683	+0·017	...
225*	3 Eridani η	4·0	67·90	2	2 49 50·06	−0·01	+2·9220	+0·005	+0·0037
226	Lacaille 948	6·9*	67·89	2	2 50 32·46	...	+1·0375	+0·025	...
227	Lacaille 931	7·0*	67·96	1	2 50 35·67	...	+2·3333	−0·001	...
228	Hydri ν	4·7	68·94	1	2 51 22·91	...	−0·4727	+0·123	...
229	4 Eridani	5·4	67·90	2	2 51 23·59	−0·01	+2·6593	+0·001	+0·0049
230	48 Arietis (mass) ϵ	4·6	63·06	13	2 51 29·88	0·00	+3·4176	+0·018	−0·0025
231	91 Ceti λ	4·6	69·04	5	2 52 28·97	+0·01	+3·2065	+0·012	−0·0014
232	Lacaille 960	6·7*	67·93	1	2 53 41·72	...	+1·7320	+0·005	...
233*	92 Ceti α	2·7	65·44	27	2 55 13·53	0·00	+3·1296	+0·010	−0·0024
234	9 Eridani ρ	5·4	67·90	2	2 56 4·87	0·00	+2·9380	+0·006	+0·0008
235†	Horologii β	5·0	67·14	6	2 56 15·22	0·00	+1·1130	+0·021	0·000
236	Brisbane 465	7·3*	68·69	4	2 57 5·41	...	+1·1443	+0·020	...
237	Lacaille 982	7·0*	67·95	3	3 0 19·61	...	+1·8659	+0·003	...
238	27 Persei κ	4·0	70·94	9	3 0 24·28	−0·09	+3·9976	+0·041	+0·0151
239	Brisbane 477	8*	68·94	1	3 0 47·70	...	+1·3343	+0·014	...
240†	Hydri θ	5·4	67·43	5	3 1 59·75	−0·01	+0·0605	+0·073	+0·0033
241	Lacaille 993	7*	67·90	1	3 3 21·76	...	+2·3765	0·000	...
242‡	57 Arietis δ	4·5	65·57	14	3 3 54·87	−0·01	+3·4071	+0·017	+0·0093
243	⚹	10‡	65·65	5	3 4 30·68	...	+1·6071	+0·007	...
244	Brisbane 491	7·5*	68·28	3	3 5 13·85	...	+1·2792	+0·015	...
245*	94 Ceti	5·0	67·90	2	3 5 53·28	−0·04	+3·0432	+0·008	+0·0124

216, 220. B.A.C. gives no letter.
234. ρ^2 in B.A.C.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
211	61·87	1	+17 43 9·18	−0·07	+15·309	−0·32	−0·021	393	...	...	867
212	68·31	3	−67 16 59·19	+0·20	+15·301	−0·10	−0·06*	893	2965	1138	869
213	68·96	1	−69 43 57·02	...	+15·267	−0·08	...	898	2973	1143	874
214	63·86	6	+16 54 2·74	0·00	+15·263	−0·32	+0·001	397	...	1147	870
215	61·84	2	+26 42 6·32	−0·33	+15·247	−0·34	−0·105	395	...	...	872
216*	67·93	1	−36 6 54·22	...	+15·245	−0·24	...	879	2989	1148	873
217	66·89	1	+14 31 25·90	+0·07	+15·133	−0·32	−0·039	400	...	1161	881
218	67·89	3	−46 54 33·98	...	+15·132	−0·21	...	884	3018	1157	884
219	67·90	1	−36 24 15·19	...	+15·091	−0·24	...	897	3030	1162	886
220*	68.94	3	−63 22 2·42	...	+15·019	−0·13	...	...	3054	...	895
221	68·63	3	−57 44 53·97	...	+14·940	−0·17	...	919	3080	1176	899
222	67·93	1	−41 56 45·13	...	+14·926	−0·23	...	912	3092	1182	900
223	68·92	1	−64 5 35·77	...	+14·855	−0·13	...	934	3114	1188	906
224	67·78	2	−63 27 44·23	...	+14·821	−0·13	...	937	3128	1196	911
225	67·90	2	− 9 26 14·03	+0·62	+14·796	−0·29	−0·214	413	3146	1204	910
226	67·89	4	−66 0 18·61	...	+14·755	−0·11	...	948	3154	1206	919
227	67·96	1	−39 11 56·08	...	+14·751	−0·24	...	931	3162	1210	917
228	68·94	1	−75 37 7·16	...	+14·704	+0·04	...	972	3171	1211	928
229	67·90	2	−24 24 18·47	+0·10	+14·703	−0·27	−0·033	418*	3185	1219	922
230	63·05	14	+20 47 53·52	−0·01	+14·697	−0·35	−0·006	415	...	...	921
231	69·04	5	+ 8 22 2·57	+0·02	+14·639	−0·33	−0·006	419	...	...	929
232	67·93	1	−55 33 24·48	...	+14·566	−0·18	...	960	3234	1234	942
233	64·56	36	+ 3 33 29·24	−0·03	+14·473	−0·32	−0·072	428	...	1250	949
234*	67·90	2	− 8 13 5·82	−0·01	+14·422	−0·30	+0·005	432	3281	1257	952
235	67·14	6	−64 36 32·90	+0·09	+14·411	−0·12	−0·04	...	3279	1256	956
236	68·69	4	−64 9 49·99	...	+14·361	−0·12	...	...	3290	1260	958
237	67·95	3	−51 51 2·17	...	+14·161	−0·20	...	982	3350	1273	970
238	70·94	8	+44 20 33·68	+0·95	+14·156	−0·42	−0·160	438	...	1280	967
239	68·94	1	−61 22 3·08	...	+14·132	−0·14	...	...	3360	1277	973
240	67·46	6	−72 25 48·55	+0·01	+14·057	−0·02	−0·003	1001	3375	1286	982
241	67·90	1	−35 56 45·95	...	+13·971	−0·26	...	993	3399	1292	984
242	64·68	31	+19 12 50·02	0·00	+13·937	−0·36	+0·009	446	...	1295	986
243	65·65	6	−56 39 32·98	...	+13·899	−0·17	...	...	...	...	...
244	68·20	4	−61 39 59·43	...	+13·854	−0·14	...	...	3435	1302	992
245	67·90	2	− 1 42 10·47	+0·14	+13·812	−0·33	−0·048	450	3455	1311	994

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α.
					h m s	s	s	s	s
246	Lacaille 1006	6·0	68·99	2	3 6 3·99	...	+1·9463	+0·003	...
247†	12 Eridani	*	66·93	3	3 6 20·25	−0·04	+2·5221	+0·001	+0·0232
248	Lacaille 1035	6·0	67·87	3	3 6 47·27	...	+0·4302	+0·049	...
249	58 Arietis ζ	4·9	63·58	5	3 7 8·82	0·00	+3·4372	+0·018	−0·0032
250	Lacaille 1023	6·8*	67·90	2	3 7 16·78	...	+1·4922	+0·010	...
251	Lacaille 1014	6·2	67·96	1	3 7 44·22	...	+2·3506	+0·001	...
252†	Lacaille 1040	5·7	68·94	1	3 9 8·04	+0·01	+1·5104	+0·009	−0·0023
253*	13 Eridani ζ	4·8	68·96	1	3 9 16·69	+0·01	+2·9107	+0·005	−0·0021
254	Lacaille 1034	6·4*	67·93	1	3 10 37·37	...	+2·4705	+0·001	...
255	95 Ceti	5·7	67·90	2	3 11 28·12	−0·05	+3·0474	+0·008	+0·0156
256	Lacaille 1057	7·2	69·01	1	3 11 48·89	...	+1·3514	+0·013	...
257	Lacaille 1105	5·7	67·27	5	3 12 13·87	...	−2·2939	+0·279	...
258	Lacaille 1069	7·0*	67·89	4	3 13 2·62	+0·02	+0·9384	+0·026	−0·006*
259*	16 Eridani τ⁴	3·8	67·90	1	3 13 30·70	−0·01	+2·6631	+0·003	+0·0021
260	Lacaille 1059	6·9*	67·96	1	3 13 59·39	...	+2·3579	+0·001	...
261	33 Persei α	1·9	70·00	6	3 14 42·16	−0·01	+4·2425	+0·048	+0·0011
262	Reticuli ζ¹	5·5	68·74	4	3 14 51·57	−0·73	+1·0924	+0·020	+0·194*
263	Lacaille 1067	5·8	68·92	1	3 15 30·16	...	+2·6211	+0·002	...
264	Lacaille 1071	6·3	68·96	1	3 16 28·09	...	+2·5775	+0·002	...
265‡	1 Tauri o	3·8	68·14	4	3 17 33·04	+0·02	+3·2247	+0·012	−0·0056
266	Lacaille 1081	6·7*	67·94	2	3 18 19·47	...	+2·4062	+0·002	...
267†	Hydri ι	5·5	66·87	1	3 19 23·45	−0·06	−1·6864	+0·199	+0·033
268‡	2 Tauri ξ	3·8	69·13	6	3 19 51·33	−0·01	+3·2389	+0·012	+0·0025
269	Lacaille 1106	6·6*	67·89	3	3 20 35·63	...	+1·7798	+0·005	...
270	Lacaille 1096	6·1	68·92	1	3 20 40·60	...	+2·5308	+0·002	...
271	Fornacis χ¹	6·2	67·87	3	3 20 42·80	...	+2·3149	+0·002	...
272	Lacaille 1107	6·5*	69·01	1	3 21 22·36	...	+2·1416	+0·002	...
273	Fornacis χ²	5·4	67·96	3	3 22 19·69	...	+2·3173	+0·002	...
274	Lacaille 1117	6·8*	68·96	1	3 23 4·94	...	+2·0604	+0·002	...
275‡	5 Tauri f	4·3	67·64	18	3 23 25·42	0·00	+3·3014	+0·013	−0·0003
276	Lacaille 1132	6·4	68·48	2	3 23 29·32	...	+0·2071	+0·054	...
277	C.P.D. −56°No.536	8‡	65·64	4	3 23 46·26	...	+1·4795	+0·010	...
278*	17 Eridani	4·8	67·91	3	3 23 55·29	0·00	+2·9713	+0·007	−0·0006
279	Lacaille 1139	5·9	68·97	4	3 24 59·74	...	+0·2368	+0·052	...
280	Lacaille 1125	6·4*	68·96	1	3 25 24·99	...	+2·1375	+0·002	...

247. Erroneously designated α Eridani in B.A.C.; α Fornacis in C.G.A.
273. B.A.C. gives no letter.
278. υ in C.G.A.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ.	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
246	68·99	2	−49 14 43·27	...	+13·801	−0·21	...	1006	3454	1309	996
247*	66·93	3	−29 31 14·07	−1·24	+13·784	−0·27	+0·644	454*	3462	1317	997
248	67·87	3	−69 46 47·90	...	+13·755	−0·05	...	1035	3465	1316	1000
249	63·58	5	+20 32 30·47	−0·10	+13·732	−0·37	−0·070	451	...	...	999
250	67·90	2	−58 19 12·49	...	+13·723	−0·17	...	1023	3480	1323	1002
251	67·96	1	−36 27 2·57	...	+13·695	−0·26	...	1014	3490	1330	1003
252	68·94	1	−57 49 40·38	+0·09	+13·605	−0·17	−0·024	1040	3514	1339	1014
253	68·96	2	− 9 19 23·50	−0·21	+13·595	−0·32	+0·053	457	3523	1345	1013
254	67·93	1	−31 19 38·41	..	+13·509	−0·27	...	1034	3555	1356	1019
255	67·90	2	− 1 25 24·79	+0·19	+13·454	−0·34	−0·066	461	3573	1365	1022
256	69·01	1	−60 0 48·60	...	+13·431	−0·15	...	1057	3574	1364	1027
257	67·22	6	−79 30 2·93	...	+13·404	+0·24	...	1105	3568	1359	1038
258	67·89	4	−64 56 22·71	+0·20	+13·351	−0·11	−0·07*	1069	3594	1373	1036
259*	67·90	1	−22 15 3·18	−0·15	+13·321	−0·30	+0·050	469	3607	1377	1037
260	67·96	1	−35 29 41·65	...	+13·290	−0·26	...	1059	3615	1381	1042
261	70·00	6	+49 22 41·70	+0·15	+13·243	−0·47	−0·029	464	...	1392	1043
262	68·74	4	−6 31·89	−2·43	+13·232	−0·13	+0·65*	1074	3626	1385	1048
263	68·92	1	−24 7 17·13	...	+13·190	−0·29	...	1067	3641	1395	1049
264	68·96	2	−26 4 21·78	...	+13·127	−0·29	...	1071	3656	1401	1054
265	68·14	4	+ 8 33 4·86	+0·22	+13·055	−0·36	−0·069	477	...	1407	1057
266	67·94	2	−33 11 16·93	...	+13·004	−0·27	...	1081	3694	1410	1060
267	66·87	1	−77 52 48·28	−0·11	+12·933	+0·18	+0·06	1131	3704	1412	1070
268	69·13	6	+ 9 15 35·00	+0·16	+12·901	−0·37	−0·038	481	...	1425	1068
269	67·89	3	−51 32 24·26	...	+12·851	−0·21	...	1106	3740	1426	1075
270	68·92	1	−27 47 37·74	...	+12·845	−0·29	...	1096	3743	1429	1073
271	67·86	4	−36 23 44·06	...	+12·843	−0·27	...	1101	3744	1428	1074
272	69·01	1	−42 6 41·61	...	+12·799	−0·25	...	1107	3757	1433	1077
273*	67·96	3	−36 9 7·16	...	+12·734	−0·27	...	1108	3778	1440	1082
274	68·96	1	−44 19 36·36	...	+12·683	−0·24	...	1117	3795	1447	1086
275	67·66	19	+12 28 17·76	0·00	+12·680	−0·38	0·000	486	...	1450	1087
276	68·31	3	−70 5 56·79	...	+12·656	−0·03	...	1132	3801	1445	1091
277	65·64	4	−56 53 50·62	...	+12·637	−0·17	...	...	...	...	...
278*	67·91	3	− 5 32 23·79	−0·06	+12·627	−0·34	+0·022	487	3818	1453	1090
279	68·97	4	−69 48 31·26	...	+12·553	−0·03	...	1139	3830	1454	1094
280	68·96	2	−41 49 36 44	...	+12·525	−0·25	...	1125	3846	1461	1093

247. Binary; $3^m\cdot9$, $6^m\cdot9$. Probably seen as one star.

259. $3^m\cdot8$, $9^m\cdot4$, $5''\cdot4$, $282°$. Fainter star probably not seen.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
281*	18 Eridani..... ϵ	3·7	68·93	2	3 26 34·10	+0·27	+2·8888	+0·006	−0·0675
282†	Reticuli..... κ	4·8	67·89	3	3 27 1·79	−0·14	+0·9738	+0·022	+0·048
283†	19 Eridani..... τ^5	4·2	67·90	1	3 27 49·45	0·00	+2·6448	+0·003	+0·0017
284	Lacaille 1185.....	6·9*	69·01	1	3 27 55·24	...	−1·5680	+0·174	...
285†	Lacaille 1144.....	5·6	67·95	4	3 28 33·34	−0·01	+1·7760	+0·005	+0·0020
286	Lacaille 1138.....	6·7*	67·14	4	3 29 8·89	...	+2·4026	+0·002	...
287	Lacaille 1164.....	5·7	69·89	11	3 29 29·27	...	+0·5840	+0·036	...
288	Bradley 496	6·9†	67·93	1	3 29 51·75	0·00	+3·0747	+0·008	−0·0014
289	10 Tauri.....	4·4	67·92	1	3 29 59·11	+0·05	+3·0715	+0·008	−0·0159
290	✳.....	10‡	65·66	4	3 30 59·78	...	+1·4472	+0·011	...
291	✳.....	10‡	65·72	4	3 31 2·24	...	+1·4397	+0·011	...
292	Lacaille 1154.....	7·0*	68·46	2	3 31 14·36	...	+2·0375	+0·003	...
293	21 Eridani.....	6·4*	67·99	1	3 32 21 53	+0·01	+2·9585	+0·006	−0·0035
294	11 Tauri.....	6·7†	63·67	2	3 32 42 79	0·00	+3·5686	+0·019	−0·0002
295	Lacaille 1188.....	7*	68·97	6	3 32 54·19	...	+0·6423	+0·033	...
296	Fornacis..... τ	5·8*	68·93	2	3 33 10·88	...	+2·4928	+0·002	...
297	Lacaille 1181.....	6·9*	67·97	2	3 34 55·99	...	+2·1418	+0·002	...
298	Brisbane 593	5·6	67·87	3	3 34 58·65	...	−2·3740	+0·240	...
299	Lacaille 1197.....	7·3	68·06	2	3 35 28·39	...	+1·1851	+0·016	...
300	Lacaille 1190.....	7·1*	67·91	3	3 36 22·70	...	+2·1238	+0·003	...
301‡	17 Tauri.....	3·8	63·34	10	3 36 51·84	0·00	+3·5479	+0·018	+0·0003
302	Piazzi III. 138.....	5·6	67·96	2	3 37 7·04	...	+2·8627	+0·005	...
303	Lacaille 1208.....	6·7*	68·99	2	3 37 49·99	...	+1·9300	+0·004	...
304‡	25 Tauri..... η	3·0	65·21	14	3 39 27·86	0·00	+3·5517	+0·018	+0·0002
305	Lacaille 1233.....	7·2	68·18	5	3 40 51·25	...	+1·5092	+0·009	...
306	30 Tauri..... e	5·1	68·21	11	3 40 52·28	0·00	+3·2800	+0·012	−0·0005
307*	27 Eridani..... τ^6	4·3	68·93	2	3 41 2·29	+0·05	+2·5909	+0·003	−0·0130
308	Lacaille 1237.....	6·2	68·95	2	3 41 7·55	...	+1·5200	+0·009	...
309‡	27 Tauri.....	3·8	62·13	6	3 41 8·43	0·00	+3·5531	+0·018	+0·0001
310	Lacaille 1296.....	6·0	69·03	1	3 41 43·36	...	−2·4659	+0·231	...
311	28 Eridani..... τ^7	4·8	67·93	1	3 41 51·28	0·00	+2·5749	+0·003	+0·0014
312†	Reticuli..... β	3·8	67·33	5	3 42 31·12	−0·11	+0·6801	+0·029	+0·0464
313	Lacaille 1307.....	7·0*	68·94	1	3 42 32·84	...	−2·9004	+0·272	...
314	Lacaille 1285.....	7·3*	69·01	1	3 45 4·41	...	−0·0570	+0·057	...
315	Lacaille 1255.....	7*	68·96	1	3 45 15·28	...	+2·0295	+0·003	...

282. B.A.C. gives no letter.
296. B.A.C. assigns to Eridanus.
307. Fundamental Star for Southern Zones.
312. B.A.C. gives no letter.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
281	68·93	2	− 9 55 0·50	−0·08	+12·446	−0·34	+0·020	493	3872	1467	1100
282*	67·89	3	−63 24 49·46	−1·01	+12·414	−0·12	+0·35	1143	3879	1468	1103
283	67·90	1	−22 5 15·73	+0·07	+12·360	−0·31	−0·023	495	3897	1471	1104
284	69·01	1	−77 12 39·27	...	+12·353	+0·17	...	1185	3886	1469	1108
285	67·95	4	−50 50 16·63	−0·20	+12·309	−0·21	+0·067	1144	3912	1474	1106
286	67·19	3	−32 19 39·16	...	+12·268	−0·28	...	1138	3931	1480	1109
287	69·89	11	−66 56 49·47	...	+12·245	−0·07	...	1164	3932	1479	1113
288	67·93	1	+ 0 8 41·96	+0·47	+12·218	−0·36	−0·160	496	...	...	1110
289	67·92	1	− 0 1 44·59	+1·46	+12·210	−0·36	−0·501	497	...	1489	1112
290	65·66	4	−56 46 29·32	...	+12·139	−0·17	...	...	...	...	...
291	65·72	4	−56 53 34·33	...	+12·137	−0·17	...	...	...	...	...
292	68·46	2	−44 9 54·93	...	+12·123	−0·24	...	1154	3973	1498	1118
293	67·99	1	− 6 3 40·21	+0·60	+12·044	−0·35	−0·202	502	4008	1511	1124
294	63·67	2	+24 53 25·97	−0·01	+12·019	−0·42	−0·011	500	...	1515	1126
295	68·97	6	−66 12 46·94	...	+12·007	−0·08	...	1188	4011	1510	1131
296*	68·93	2	−28 23 9·74	...	+11·987	−0·30	...	1163	4022	1518	1130
297	67·97	2	−40 47 27·30	...	+11·864	−0·26	...	1181	4055	1529	1136
298	67·87	3	−78 48 8·10	...	+11·860	+0·27	...	...	4040	1521	...
299	68·03	3	−60 13 3·76	...	+11·826	−0·15	...	1197	4062	1533	1141
300	67·91	3	−41 12 10·20	...	+11·761	−0·26	...	1190	4088	1543	1145
301	62·47	9	+23 41 10·02	−0·10	+11·727	−0·43	−0·039	509	...	1551	1147
302	67·96	2	−10 54 52·24	...	+11·709	−0·34	...	...	4108	1552	1152
303	68·98	3	−46 23 21·53	...	+11·658	−0·23	...	1208	4119	1555	1160
304	64·17	30	+23 41 6·55	−0·04	+11·541	−0·43	−0·045	521	...	1571	1166
305	68·18	5	−54 54 23·26	...	+11·442	−0·19	...	1233	4176	1583	1183
306	68·21	11	+10 43 31·57	+0·07	+11·441	−0·40	−0·021	529	...	...	1174
307*	68·93	2	−23 39 2·96	+2·04	+11·429	−0·32	−0·518	530*	4191	1591	1181
308	68·95	2	−54 41 59·87	...	+11·422	−0·19	...	1237	4185	1586	1185
309	62·23	7	+23 38 16·54	−0·11	+11·422	−0·43	−0·040	527	...	...	1176
310	69·03	1	−78 45 24·01	...	+11·380	+0·29	...	1296	4181	1580	1198
311	67·93	1	−24 17 39·90	−0·14	+11·370	−0·31	+0·049	532*	4208	1598	1191
312*	67·33	5	−65 13 55·80	−0·13	+11·322	−0·09	+0·057	1253	4211	1599	1197
313	68·94	1	−79 31 50·21	...	+11·320	+0·34	...	1307	4200	1592	1200
314	69·01	1	−70 26 16·53	...	+11·137	0·00	...	1285	4263	1618	...
315	68·96	2	−43 8 15·83	...	+11·124	−0·25	...	1255	4276	1628	1208

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
316*	30 Eridani	5·4	67·96	2	3 46 1·73	0·00	+2·9595	+0·006	−0·0016
317	Lacaille 1298	6·4*	68·04	4	3 46 7·38	...	−0·3758	+0·072	...
318	32 Eridani	4·8	67·95	3	3 47 30·80	−0·01	+3·0064	+0·007	+0·0019
319	33 Eridani τ^8	4·7	66·99	1	3 47 57·89	0·00	+2·5489	+0·003	+0·0012
320	Eridani i	5·1	67·03	4	3 48 30·42	...	+2·2818	+0·003	...
321	W.B.(2) III. 1046	8·3†	64·96	3	3 48 47·27	...	+3·6228	+0·018	...
322	33 Tauri	7·0†	64·05	1	3 49 3·83	0·00	+3·5444	+0·017	+0·0045
323†	Hydri γ	3·1	67·47	31	3 49 21·91	−0·02	−1·0289	+0·107	+0·0082
324	Lacaille 1293	6·8*	67·90	1	3 50 24·77	...	+2·1528	+0·003	...
325	Lacaille 1297	6·9*	67·85	3	3 50 24·93	...	+1·8692	+0·005	...
326†	Lacaille 1304	6·3	68·50	2	3 51 1·44	0·00	+1·5667	+0·008	0·000
327*	34 Eridani γ	3·1	66·06	31	3 51 43·94	0·00	+2·7918	+0·005	+0·0031
328‡	35 Tauri λ	Var.	67·91	15	3 53 12·25	0·00	+3·3161	+0·012	−0·0016
329	✳	10·5‡	65·66	4	3 53 53·21	...	+1·3210	+0·012	...
330†	36 Eridani τ^9	4·6	68·93	2	3 54 10·12	0·00	+2·5548	+0·003	−0·0008
331	Lacaille 1327	6·0	69·03	1	3 54 19·59	...	+0·7475	+0·025	...
332	35 Eridani	5·2	67·96	2	3 54 41·78	0·00	+3·0336	+0·007	−0·0009
333	Lacaille 1320	7·0*	68·96	1	3 54 55·55	...	+1·9567	+0·004	...
334	Lacaille 1330	6·4*	68·95	2	3 55 49·27	0·00	+1·2748	+0·012	0·000*
335	36 Tauri	6·0†	...	...	3 56 18	...	+3·5763	+0·016	−0·0005
336	37 Tauri Λ	4·5	63·22	11	3 56 43·08	+0·01	+3·5292	+0·015	+0·0053
337	Reticuli γ	4·4	67·46	2	3 58 57·23	...	+0·8503	+0·021	...
338	C.P.D.−29° No. 494	8·5*	61·64	4	3 58 59·48	...	+2·4084	+0·003	...
339	Reticuli ι	4·8	66·94	4	3 59 7·27	...	+0·9479	+0·019	...
340	C.G.A. 4564	8·5*	67·93	1	3 59 25·93	...	+1·9219	+0·004	...
341†	Lacaille 1344	5·5	67·97	3	4 0 3·65	−0·04	+2·4556	+0·003	+0·0134
342	C.Z. IV. 26	9·5*	61·76	5	4 0 14·38	...	+2·4160	+0·003	...
343	Lacaille 1380	6·7*	68·65	3	4 1 32·58	0·00	−0·4101	+0·065	0·000*
344	C.G.A. 4606	8·5*	61·65	4	4 1 36·97	...	+2·4231	+0·003	...
345	Brisbane 658	8*	67·91	3	4 1 40·68	...	+1·1120	+0·015	...
346	C.Z. IV. 76	8·8*	61·73	3	4 1 50·88	...	+2·4259	+0·003	...
347	Lacaille 1371	7·2	69·03	1	4 3 2·93	...	+1·6820	+0·006	...
348	37 Eridani	5·8	68·00	2	4 3 47·55	+0·01	+2·9228	+0·006	−0·0017
349	Lacaille 1376	6·2	68·96	1	4 4 22·64	...	+1·8506	+0·005	...
350	51 Persei μ	4·2	70·94	3	4 4 59·82	+0·01	+4·3768	+0·036	−0·0009

320. ν^3 in B.A.C.
336. Λ^1 in B.A.C.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
316	67·96	2	− 5 46 0·49	+0·01	+11·067	−0·37	−0·002	538	4303	1641	1212
317	68·02	5	−72 4 30·85	...	+11·061	+0·04	...	1298	4289	1632	1215
318	67·95	3	− 3 21 22·13	+0·01	+10·958	−0·37	−0·003	540	4328	1648	1216
319	67·03	2	−25 0 51·57	+0·01	+10·925	−0·32	−0·006	543*	4336	1649	1217
320*	67·03	4	−35 7 58·88	...	+10·886	−0·28	...	1275	4346	1655	1220
321	64·96	3	+26 6 44·40	...	+10·865	−0·45	...	...	...	...	...
322	64·05	1	+22 46 50·89	−0·02	+10·844	−0·44	−0·02	541	...	1664	1223
323	66·48	27	−74 39 7·44	−0·15	+10·822	+0·12	+0·102	1322	4353	1656	1230
324	67·90	1	−39 9 18·98	...	+10·745	−0·27	...	1293	4387	1675	1231
325	67·85	3	−46 48 48·32	...	+10·745	−0·24	...	1297	4383	1673	1232
326	68·50	2	−53 5 8·25	+0·21	+10·701	−0·20	−0·06	1304	4395	1680	1233
327	63·78	50	−13 53 40·44	−0·12	+10·647	−0·35	−0·101	546	4407	1683	1234
328*	67·98	18	+12 6 22·84	+0·02	+10·538	−0·42	−0·007	548	...	...	1241
329	65·66	5	−56 56 29·85	...	+10·488	−0·17	...	...	...	...	...
330	68·93	2	−24 24 3·61	−0·05	+10·466	−0·32	+0·013	551*	4447	1693	1243
331	69·03	1	−63 51 18·65	...	+10·454	−0·10	...	1327	4444	1692	1248
332	67·96	2	− 1 55 48·77	+0·07	+10·427	−0·38	−0·025	550	4458	1697	1245
333	68·96	2	−44 18 4·25	...	+10·409	−0·25	...	1320	4460	1696	1249
334	68·95	2	−57 29 11·61	+0·28	+10·343	−0·16	−0·07*	1330	4476	1700	1255
335	64·95	11	+23 43 54·26	0·00	+10·307	−0·45	−0·010	552	...	1708	1253
336*	63·26	13	+21 42 36·63	−0·10	+10·275	−0·45	−0·058	554	...	1713	1257
337	67·32	3	−62 32 12·68	...	+10·107	−0·11	...	1357	4545	1731	1270
338	61·64	4	−29 53 8·25	...	+10·105	−0·31	...	...	...	...	...
339	67·17	5	−61 27 27·59	...	+10·095	−0·12	...	1355	4550	1732	1271
340	67·93	1	−44 50 59·37	...	+10·071	−0·25	...	...	4564	...	...
341	67·97	3	−28 1 23·86	−0·31	+10·023	−0·32	+0·104	1344	4580	1744	1273
342	61·76	5	−29 31 19·60	...	+10·010	−0·31	...	...	...	...	...
343	68·48	4	−71 32 27·56	−0·03	+ 9·910	+0·05	+0·01*	1380	4597	1751	1278
344	61·65	4	−29 10 31·20	...	+ 9·905	−0·31	...	...	4606	...	...
345	67·91	3	−59 19 21·78	...	+ 9·900	−0·15	...	...	4601	1753	1277
346	61·74	4	−29 3 8·86	...	+ 9·887	−0·31	...	...	...	...	...
347	69·04	2	−49 59 28·19	...	+ 9·796	−0·22	...	1371	4626	1759	1283
348	68·92	1	− 7 16 43·07	+0·07	+ 9·740	−0·38	−0·018	567	4642	1766	1284
349	68·96	2	−46 13 22·05	...	+ 9·694	−0·24	...	1376	4649	1767	1288
350	70·94	3	+48 3 45·89	+0·16	+ 9·646	−0·56	−0·027	564	...	1776	1287

328. Limits of Magnitude 3·4−4·2. Period d. 3 h. 22 m. 52·2; *Algol* type. Periodical inequalities.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α.
					h m s	s	s	s	s
351*	38 Eridani..... o^1	4·1	66·33	39	4 5 16·65	0·00	+2·9240	+0·006	−0·0005
352	48 Tauri.....	6·4	69·66	1	4 8 6·52	−0·03	+3·3898	+0·012	+0·0074
353	Lacaille 1444.....	6·8*	68·35	5	4 8 53·59	...	−3·0095	+0·221	...
354	40 Eridani..... o^2	4·5	67·92	1	4 9 3·16	+0·42	+2·9082	+0·006	−0·1442
355	Lacaille 1402.....	6·8*	68·10	1	4 10 1·16	...	+1·8236	+0·005	...
356	C.P.D.−24°No.559	7‡	61·65	4	4 10 16·69	...	+2·5226	+0·003	...
357	Lacaille 1413.....	7·4*	69·03	1	4 11 4·30	...	+1·1423	+0·013	...
358	Lacaille 1408.....	7·3*	68·02	3	4 11 45·32	...	+2·1003	+0·003	...
359‡	54 Tauri..... γ	3·9	67·84	11	4 12 6·83	−0·02	+3·3980	+0·012	+0·0069
360†	Reticuli..... α	3·4	69·17	4	4 12 41·50	−0·02	+0·7492	+0·022	+0·0036
361†	41 Eridani..... v^4	3·8	66·87	1	4 12 47·33	−0·01	+2·2632	+0·003	+0·0028
362	Lacaille 1409.....	6·1	67·97	2	4 12 51·41	...	+2·5580	+0·004	...
363	Lacaille 1415.....	6·9	67·83	1	4 14 3·76	...	+2·5050	+0·003	...
364	Reticuli..... ϵ	4·4	66·20	4	4 14 9·79	+0·01	+1·0297	+0·015	−0·011†
365	Lacaille 1430(mass)	6·4	67·90	1	4 14 18·77	...	+0·8863	+0·018	...
366‡	61 Tauri..... δ	4·0	66·06	9	4 15 9·14	−0·01	+3·4439	+0·012	+0·0064
367	Lacaille 1429.....	5·9	67·89	3	4 15 20·36	...	+1·4686	+0·008	...
368	Brisbane 696.....	7·5*	68·98	2	4 16 9·67	...	+0·2388	+0·034	...
369	Lacaille 1443 (8✻)..	6·5	67·02	3	4 16 10·04	...	+0·6522	+0·023	...
370*	42 Eridani..... ξ	5·3	67·96	2	4 16 57·70	+0·01	+2·9866	+0·006	−0·0039
371	B.D.−21° No. 852..	8·5†	61·65	4	4 16 59·60	...	+2·6080	+0·004	...
372	68 Tauri.....	4·2	69·06	2	4 17 40·93	−0·03	+3·4550	+0·012	+0·0065
373	69 Tauri..... v	4·6	61·99	2	4 18 13·96	+0·02	+3·5723	+0·014	+0·0068
374	72 Tauri.....	5·5	61·80	1	4 19 13·25	0·00	+3·5779	+0·014	−0·0010
375	Lacaille 1454.....	7·3*	68·96	1	4 20 16·30	...	+1·7739	+0·005	...
376	B.D.−19° No. 918..	9·2†	61·70	3	4 20 24·66	...	+2·6382	+0·004	...
377†	Reticuli..... η	5·2	67·30	2	4 20 26·26	−0·03	+0·6173	+0·023	+0·0109
378‡	74 Tauri..... ϵ	3·7	66·23	39	4 20 44·21	−0·01	+3·4870	+0·012	+0·0069
379	78 Tauri..... θ^2	3·6	68·76	1	4 20 57·47	−0·02	+3·4104	+0·011	+0·0064
380	C.P.D.−19° No.923	9·1†	61·78	2	4 21 11·80	...	+2·6404	+0·004	...
381	C.G.A. 4984–5.....	6·5*	67·96	1	4 21 34·11	...	+1·1728	+0·012	...
382	Lacaille 1475.....	7*	68·06	1	4 21 34·35	...	+1·1727	+0·012	...
383	Lacaille 1479.....	6·2	68·52	2	4 23 7·97	...	+1·7534	+0·006	...
384*	45 Eridani.....	4·9	67·93	2	4 24 58·18	0·00	+3·0649	+0·007	−0·0010
385	46 Eridani.....	5·6	68·06	1	4 27 20·28	0·00	+2·9206	+0·005	−0·0003

361. X in C.G.A.
369. θ Reticuli in B.A.C.
373. v^1 in B.A.C.
366. δ^1 in B.A.C.
372. δ^3 in B.A.C.
374. v^2 in B.A.C.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ.	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
351	65·10	29	− 7 11 30·75	−0·01	+9·626	−0·38	+0·089	568	4668	1774	1290
352	69·66	1	+15 3 35·09	+0·05	+9·408	−0·44	−0·010	572	...	...	1302
353	68·28	6	−78 59 33·23	...	+9·346	+0·38	...	1444	4723	1785	1319
354	67·92	1	− 7 52 3·36	+10·05	+9·334	−0·38	−3·442	578	4751	1801	1309
355	68·10	1	−46 28 12·62	...	+9·259	−0·24	...	1402	4769	1805	1317
356	61·65	4	−24 50 48·07	...	+9·238	−0·33	...	...	...	...	...
357	69·03	1	−58 21 50·52	...	+9·178	−0·15	...	1413	4791	1808	1325
358	68·02	3	−39 13 4·86	...	+9·124	−0·28	...	1408	4804	1815	1327
359	67·67	12	+15 17 56·08	+0·05	+9·096	−0·45	−0·020	583	...	1819	1328
360	69·17	4	−62 48 44·43	−0·20	+9·050	−0·10	+0·047	1423	4812	1818	1336
361*	66·87	1	−34 7 48·04	0·00	+9·044	−0·30	0·000	590*	4821	1822	1333
362	67·97	2	−23 18 5·48	...	+9·039	−0·34	...	1409	4822	1824	1334
363	67·83	1	−25 21 7·29	...	+8·943	−0·33	...	1415	4846	1832	1340
364*	66·20	4	−59 37 38·29	+0·20	+8·936	−0·14	−0·17†	1428	4840	1828	1344
365	67·93	2	−61 16 52·01	...	+8·924	−0·12	...	1430	4845	1830	1345
366*	66·06	9	+17 13 22·69	+0·03	+8·858	−0·45	−0·027	594	...	...	1346
367	67·89	3	−53 11 22·14	...	+8·844	−0·20	...	1429	4868	1842	1354
368	68·98	2	−67 0 35·24	...	+8·779	−0·04	...	...	4877	1847	1359
369*	67·03	4	−63 35 1·46	...	+8·779	−0·09	...	1443	4880	1848	1358
370	67·96	2	− 4 3 34·90	+0·13	+8·716	−0·40	−0·045	602	4903	1855	1360
371	61·65	4	−21 4 31·80	...	+8·713	−0·35	...	...	...	...	...
372*	69·06	2	+17 36 59·10	+0·10	+8·659	−0·46	−0·025	601	...	...	1365
373*	64·35	10	+22 30 15·78	−0·02	+8·616	−0·47	−0·034	604	...	...	1367
374*	61·80	1	+22 41 19·95	−0·01	+8·538	−0·48	−0·003	606	...	...	1371
375	68·96	2	−46 57 18·93	...	+8·455	−0·24	...	1454	4963	1877	1375
376	61·69	4	−19 41 1·98	...	+8·443	−0·35	...	...	...	...	...
377	67·30	2	−63 42 26·48	−0·33	+8·441	−0·09	+0·143	1473	4962	1876	1383
378	65·78	63	+18 52 41·27	+0·02	+8·418	−0·47	−0·031	609	...	1884	1376
379	68·76	1	+15 34 6·61	+0·01	+8·400	−0·46	−0·003	613	...	...	1381
380	61·75	4	−19 33 46·82	...	+8·380	−0·35	...	...	...	...	...
381	67·97	2	−57 22 40·57	...	+8·351	−0·16	...	...	4984–5	1888–9	...
382	68·06	2	−57 22 40·34	...	+8·351	−0·16	...	1475	4985	1889	1387
383	68·52	2	−47 14 23·23	...	+8·226	−0·24	...	1479	5017	1905	1396
384	67·93	2	− 0 20 10·47	−0·02	+8·080	−0·41	+0·006	624	5059	1924	1403
385	68·06	1	− 7 1 27·12	+0·02	+7·890	−0·40	−0·007	631	...	1951	1416

364. Proper Motion from *Cincinnati Publications*, No. 12.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
386‡	87 Tauri..... α	1·0	66·04	67	4 28 10·62	0·00	+3·4305	+0·011	+0·0036
387	50 Eridani ..... υ^1	Var.	67·78	3	4 28 12·78	+0·03	+2·3600	+0·003	−0·0101
388	Bradley 635.....	6·5*	67·97	2	4 29 17·92	+0·01	+2·9881	+0·006	−0·0025
389†	52 Eridani..... υ^2	3·8	67·02	3	4 30 18·15	+0·01	+2·3341	+0·003	−0·0065
390†	Doradûs..... α	3·5	66·89	2	4 31 4·96	−0·01	+1·2830	+0·010	+0·0041
391	Piazzi IV. 154	4·9	61·65	4	4 32 35·99	...	+2·7993	+0·005	...
392	Mensæ..... ν	5·8	65·94	33	4 33 3·88	0·00	−5·6343	+0·372	0·000*
393‡	94 Tauri....., τ	4·4	63·27	16	4 34 8·77	0·00	+3·5923	+0·012	−0·0008
394	Cæli ..... β	5·2	65·71	2	4 37 17·11	0·00	+2·1153	+0·004	−0·006*
395	56 Eridani.....	5·7	61·65	4	4 37 36·22	−0·01	+2·8792	+0·005	−0·0017
396	Lacaille 1564.....	5·6	68·05	1	4 37 56·40	...	+2·3190	+0·003	...
397*	57 Eridani..... μ	4·3	68·03	2	4 38 45·22	0·00	+2·9953	+0·006	0·0000
398	Lacaille 1569.....	7·0*	68·10	1	4 38 49·48	...	+2·4100	+0·003	...
399	Pictoris ..... λ	5·3	66·93	3	4 39 19·08	...	+1·5367	+0·007	...
400	B.D.−8° No. 937...	9·5†	61·72	4	4 39 52·85	...	+2·8757	+0·005	...
401	Lacaille 1587.....	6·7*	68·02	1	4 40 50·02	...	+2·2154	+0·003	...
402	Lacaille 1594.....	6·4*	62·92	2	4 41 21·80	...	+2·0303	+0·004	...
403†	Doradûs..... κ	5·4	68·03	3	4 42 19·22	0·00	+0·8896	+0·014	−0·001
404	59 Eridani.....	5·8*	68·08	1	4 42 28·12	0·00	+2·6968	+0·004	−0·0003
405	97 Tauri i	5·1	67·01	2	4 43 28·80	−0·01	+3·4973	+0·010	+0·0047
406*	60 Eridani.....	5·2	67·99	1	4 44 6·61	−0·01	+2·6986	+0·004	+0·0018
407	Lacaille 1616.....	6·7*	68·53	2	4 44 24·79	...	+1·8411	+0·005	...
408	Lacaille 1632.....	6·8*	67·97	2	4 44 59·55	...	+0·9332	+0·013	...
409	61 Eridani..... ω	4·3	68·06	1	4 46 15·83	+0·01	+2·9459	+0·005	−0·0044
410	Lacaille 1628.....	5·9	68·10	1	4 46 33·41	...	+2·1790	+0·003	...
411	Lacaille 1630.....	6·7*	68·02	1	4 46 56·17	...	+2·2005	+0·003	...
412‡	3 Aurigæ i	2·7	65·00	3	4 48 12·33	0·00	+3·8964	+0·015	−0·0001
413	9 Orionis..... o^2	4·3	67·45	4	4 48 47·01	+0·01	+3·3729	+0·008	−0·0059
414	62 Eridani..... b	5·4	68·08	1	4 49 45·40	0·00	+2·9518	+0·005	−0·0010
415	Lacaille 1658.....	5·8	68·05	1	4 50 23·70	...	+2·0072	+0·004	...
416	Lacaille 1701.....	6·9*	68·19	6	4 53 18·56	...	+0·0707	+0·026	...
417	63 Eridani.....	5·7	68·03	2	4 53 27·17	0·00	+2·8355	+0·004	+0·0009
418	65 Eridani ..... ψ	4·7	67·97	2	4 54 53·84	+0·01	+2·9060	+0·004	−0·0022
419‡	102 Tauri..... i	4·7	63·69	11	4 55 1·76	+0·01	+3·5750	+0·010	+0·0039
420	Lacaille 1721.....	6·4*	68·57	2	4 55 21·94	...	−1·0334	+0·052	...

387. υ^6 in B.A.C.
389. υ^7 in B.A.C.
392. B.A.C. gives no letter.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
386	64·69	129	+16 14 5·76	−0·06	+7·821	−0·46	−0·181	630	...	1962	1420
387*	67·78	3	−30 2 31·77	+0·72	+7·819	−0·32	−0·259	636*	5137	1959	1422
388	67·97	2	− 3 53 27·42	+0·03	+7·731	−0·41	−0·01	635	5163	1969	1427
389*	67·02	3	−30 50 26·21	0·00	+7·651	−0·32	0·000	645*	5187	1981	1433
390	66·89	2	−55 19 30·67	+0·02	+7·587	−0·18	−0·010	1539	5198	1983	1438
391	61·65	4	−12 23 33·93	...	+7·464	−0·38	...	...	5239	1996	1443
392*	64·50	27	−81 52 54·23	+0·05	+7·426	+0·75	+0·10*	1639	5219	1985	1454
393	63·89	21	+22 41 41·55	−0·02	+7·338	−0·49	−0·015	648	...	2007	1449
394	63·88	4	−37 24 36·56	+0·22	+7·082	−0·29	+0·20*	1559	5313	2028	1464
395	61·65	4	− 8 45 29·71	0·00	+7·056	−0·40	+0·001	656	5321	2033	1465
396	68·05	1	−31 1 6·97	...	+7·029	−0·32	...	1564	5328	2041	1467
397	68·03	2	− 3 30 15·74	+0·02	+6·962	−0·41	−0·008	657	5341	2047	1469
398	68·10	1	−27 49 45·83	...	+6·957	−0·33	...	1569	5340	2044	1471
399	66·93	3	−50 44 12·36	...	+6·915	−0·21	...	1585	5350	2050	1473
400	61·72	4	− 8 52 57·51	...	+6·869	−0·40	...	...	...	...	...
401	68·02	1	−34 15 8·15	...	+6·791	−0·31	...	1587	5386	2064	1480
402	62·92	2	−39 36 7·70	...	+6·747	−0·28	...	1594	5397	2068	1483
403	68·02	4	−59 58 51·66	−0·12	+6·668	−0·13	+0·04	1614	5418	2075	1489
404	68·08	1	−16 34 13·58	−0·18	+6·656	−0·37	+0·058	668	5430	2080	1487
405	67·01	2	+18 36 25·65	+0·07	+6·572	−0·49	−0·034	666	...	...	1493
406	67·99	1	−16 27 12·68	−0·22	+6·520	−0·38	+0·073	673	5462	2090	1498
407	68·53	2	−44 13 5·08	...	+6·495	−0·26	...	1616	5465	2094	1499
408	67·97	2	−59 22 34·81	...	+6·447	−0·13	...	1632	5475	2096	1503
409	68·06	1	− 5 40 51·47	−0·13	+6·342	−0·41	+0·044	676	5518	2118	1507
410	68·10	1	−35 8 4·80	...	+6·318	−0·30	...	1628	5524	2120	1511
411	68·02	1	−34 27 59·80	...	+6·286	−0.31	...	1630	5537	2124	1513
412	63·00	2	+32 56 54·23	−0·03	+6·181	−0·54	−0·016	677	...	2138	1520
413	67·45	4	+13 17 53·60	+0·11	+6·132	−0·47	−0·046	682	...	...	1525
414	68·10	2	− 5 23 14·49	−0·03	+6·052	−0·41	+0·011	689	5601	2143	1529
415	68·05	1	−39 50 50·10	...	+5·997	−0·28	...	1658	5610	2148	1533
416	68·17	7	−66 53 28·02	...	+5·755	−0·01	...	1701	5672	2164	1548
417	68·03	2	−10 27 47·63	+0·37	+5·742	−0·40	−0·121	697	5684	2170	1544
418	67·97	2	− 7 22 28·11	−0·06	+5·620	−0·41	+0·021	701	5723	2182	1552
419	63·65	10	+21 23 38·40	−0·05	+5·609	−0·50	−0·037	698	...	...	1551
420	68·57	2	−72 37 49·28	...	+5·581	+0·14	...	1721	5719	2179	1556

387. Suspected variable; $^{m}4{\cdot}3 - ^{m}5{\cdot}0$ in *Uranometria Argentina.*

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
421	Piazzi IV. 285.....	5·1	68·05	2	4 55 34·19	...	+2·5981	+0·003	...
422	11 Orionis.....	4·7	67·79	5	4 56 51·43	0·00	+3·4219	+0·008	−0·0002
423	Mensæ..... η	5·2	64·13	7	4 59 5·58	...	−1·7913	+0·072	...
424	104 Tauri ..... *m*	5·1	66·05	3	4 59 28·42	−0·04	+3·5029	+0·008	+0·0375
425*	2 Leporis ..... *e*	3·3	67·17	12	4 59 44·80	0·00	+2·5358	+0·003	+0·0011
426	106 Tauri ..... *l*	5·5	67·02	4	4 59 49·25	+0·01	+3·5481	+0·009	−0·0034
427	66 Eridani.....	5·2	68·08	1	5 0 5·29	0·00	+2·9627	+0·005	−0·0011
428	Lalande 9667	6·9*	68·04	2	5 0 58·55	...	+2·8712	+0·004	...
429*	67 Eridani..... β	2·9	68·00	4	5 1 12·86	+0·02	+2·9529	+0·005	−0·0075
430†	Pictoris..... η^2	4·9	66·90	3	5 1 28·50	−0·01	+1·5433	+0·006	+0·0027
431	Bradley 718	6·5*	68·09	2	5 1 52·38	0·00	+2·8707	+0·004	−0·0013
432	15 Orionis.....	4·8	66·53	5	5 1 58·48	0·00	+3·4291	+0·008	−0·0013
433*	69 Eridani..... λ	4·4	68·06	1	5 2 41·26	0·00	+2·8685	+0·004	−0·0013
434†	Doradûs..... ζ	4·7	69·03	1	5 3 11·91	+0·04	+1·0250	+0·010	−0·0090
435	Lacaille 1737	7*	68·10	1	5 4 10·17	+0·04	+1·9281	+0·004	−0·013†
436†	Mensæ..... β	5·3	67·97	1	5 4 28·59	+0·01	−0·8069	+0·039	−0·004
437‡	13 Aurigæ..... α	0·2	70·00	1	5 6 43·18	−0·04	+4·4126	+0·017	+0·0070
438	Bradley 729	6·8*	67·75	4	5 7 3·94	0·00	+2·8819	+0·004	−0·0018
439*	19 Orionis ..... β	0·3	64·75	87	5 8 3·06	0·00	+2·8806	+0·004	−0·0011
440	Lacaille 1791	6·7*	68·07	2	5 10 45·44	...	+1·3888	+0·006	...
441*	20 Orionis ..... τ	3·7	68·04	3	5 11 3·23	+0·01	+2·9118	+0·004	−0·0022
442	109 Tauri..... *n*	5·2	65·20	3	5 11 10·05	0·00	+3·5988	+0·008	+0·0011
443	Lacaille 1802.....	7·0*	68·27	4	5 12 32·21	...	+1·3772	+0·006	...
444†	Columbæ..... *o*	5·0	62·08	1	5 12 37·06	+0·02	+2·1547	+0·003	+0·0060
445	6 Leporis..... λ	4·3	68·09	1	5 13 21·41	0·00	+2·7621	+0·003	−0·0014
446†	Doradûs..... θ	4·8	65·94	5	5 13 52·22	0·00	−0·0654	+0·021	−0·0005
447	22 Orionis ..... *o*	4·7	68·04	3	5 14 52·27	0·00	+3·0602	+0·004	−0·0009
448†	Pictoris..... ζ	5·6	67·90	3	5 16 3·46	0·00	+1·4655	+0·005	+0·0012
449	Lacaille 1821	7·5*	68·76	1	5 16 16·70	...	+1·6550	+0·004	...
450	Bradley 757	6·9*	68·14	2	5 16 59·52	+0·02	+3·0492	+0·004	−0·0060
451	29 Orionis ..... *e*	4·3	68·04	3	5 17 26·81	0·00	+2·8889	+0·004	−0·0011
452	Lacaille 1830.....	8*	68·10	1	5 17 29·57	...	+1·7804	+0·004	...
453‡	112 Tauri ..... β	1·9	65·35	17	5 17 45·55	0·00	+3·7854	+0·008	+0·0012
454	Lacaille 1836.....	7·1*	68·05	3	5 18 12·38	...	+1·4067	+0·006	...
455	Lacaille 1851.....	7·5*	69·03	1	5 18 52·09	...	+0·7073	+0·010	...

423. B.A.C. gives no letter.
425. Fundamental Star for Southern Zones.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
421	68·05	2	−20 15 2·32	...	+ 5·564	−0·37	...	...	5736	2190	1553
422	67·79	5	+15 12 47·61	+0·09	+ 5·456	−0·48	−0·031	702	...	...	1557
423*	65·29	10	−75 8 33·78	...	+ 5·267	+0·25	...	1752	5787	2210	1587
424	67·01	2	+18 27 39·76	−0·04	+ 5·236	−0·50	+0·022	705	...	...	1568
425*	64·29	7	−22 33 16·52	−0·05	+ 5·212	−0·36	−0·071	713	5816	2225	1575
426	67·02	4	+20 14 13·20	+0·06	+ 5·206	−0·50	−0·029	708	...	...	1570
427	68·08	1	− 4 50 19·56	+0·05	+ 5·184	−0·42	−0·015	712	5823	2228	1579
428	68·04	2	− 8 50 4·28	...	+ 5·109	−0·41	...	...	5843	...	...
429	68·00	4	− 5 15 49·91	+0·23	+ 5·088	−0·42	−0·075	715	5848	2234	1588
430	65·69	4	−49 45 45·93	0·00	+ 5·066	−0·22	−0·007	1728	5850	2232	1589
431	68·09	2	− 8 50 34·61	+0·12	+ 5·033	−0·41	−0·04	718	5864	2240	1592
432	66·53	5	+15 25 18·24	−0·01	+ 5·023	−0·49	+0·008	714	...	...	1591
433	68·06	1	− 8 55 47·55	−0·01	+ 4·964	−0·41	+0·002	720	5888	2248	1597
434	69·03	1	−57 39 27·36	−0·44	+ 4·920	−0·15	+0·109	1744	5893	2249	1600
435*	68·10	1	−41 23 54·09	−0·99	+ 4·838	−0·28	+0·32†	1737	5922	2256	1603
436	67·97	1	−71 29 58·98	−0·12	+ 4·811	+0·11	+0·04	1778	5919	2253	1606
437	70·00	1	+45 51 20·49	+2·15	+ 4·621	−0·63	−0·429	722	...	2285	1613
438	67·97	3	− 8 18 34·27	−0·03	+ 4·591	−0·41	+0·01	729	5990	2284	1618
439	63·76	152	− 8 21 36·60	+0·01	+ 4·507	−0·41	+0·007	736	6004	2292	1623
440	68·07	2	−52 11 7·93	...	+ 4·277	−0·20	...	1791	6056	2313	1640
441	68·04	3	− 6 59 34·41	−0·04	+ 4·251	−0·42	+0·012	742	6066	2319	1638
442	65·20	3	+21 57 12·97	+0·02	+ 4·241	−0·52	−0·082	741	...	...	1637
443	68·27	4	−52 19 57·79	...	+ 4·124	−0·20	...	1802	6095	2333	1652
444	62·07	2	−35 1 43·47	−0·99	+ 4·117	−0·31	−0·337	1793	6098	2335	1650
445	68·09	1	−13 19 5·90	+0·01	+ 4·054	−0·40	−0·004	748	6117	2343	1653
446	65·69	4	−67 20 14·94	−0·02	+ 4·010	+0·01	+0·036	1828	6119	2341	1659
447	68·04	3	− 0 31 5·75	−0·03	+ 3·924	−0·44	+0·009	751	6147	2352	1660
448	67·90	3	−50 45 8·25	−0·58	+ 3·822	−0·21	+0·200	1825	6167	2357	1672
449	68·76	1	−47 11 7·24	...	+ 3·802	−0·24	...	1821	6175	2361	1674
450	68·14	2	− 0 59 45·24	+0·06	+ 3·742	−0·44	−0·02	757	6199	2367	1678
451	68·04	3	− 7 56 4·92	+0·08	+ 3·702	−0·42	−0·025	764	6211	2373	1680
452	68·10	1	−44 30 22·39	...	+ 3·699	−0·26	...	1830	6208	2371	1686
453	63·68	25	+28 29 24·53	−0·22	+ 3·675	−0·54	−0·169	756	...	2382	1681
454	68·05	3	−51 42 27·49	...	+ 3·638	−0·20	...	1836	6224	2380	1691
455	68·50	2	−60 54 45·28	...	+ 3·580	−0·10	...	1851	6237	2385	1697

435. Proper Motion from *Cincinnati Publications*, No. 12.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0,	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
456	115 Tauri.....	5·4	66·86	5	5 19 17·71	0·00	+3·4957	+0·006	−0·0011
457	114 Tauri.....*o*	4·8	67·49	4	5 19 31·74	0·00	+3·5990	+0·007	−0·0011
458	Lacaille 1853.....	6·4*	62·08	1	5 19 53·13	...	+1·1006	+0·007	...
459	116 Tauri.....	5·5	68·84	1	5 20 0·28	0·00	+3·4436	+0·006	−0·0004
460	Piazzi V.102.....	6·6*	68·04	2	5 20 47·53	...	+2·7916	+0·003	...
461	Lacaille 1850.....	6·6*	67·96	3	5 20 54·43	...	+1·7841	+0·004	...
462	Pictoris.....	6·6	63·67	3	5 21 42·46	...	+1·3583	+0·006	...
463	Lacaille 1849.....	6·9*	68·10	1	5 21 59·05	...	+2·4088	+0·003	...
464	119 Tauri.....	4·6	68·29	11	5 24 18·00	0·00	+3·5138	+0·006	−0·0003
465‡	34 Orionis.....δ	2·4	64·84	89	5 25 6·65	0·00	+3·0628	+0·004	−0·0014
466	10 Leporis.....	5·4	68·14	2	5 25 20·94	0·00	+2·5656	+0·003	−0·0011
467	Lacaille 1886	7·5*	68·10	1	5 26 7·28	...	+1·6449	+0·004	...
468†	Lacaille 1888.....	5·6	68·09	3	5 26 26·80	0·00	+1·6448	+0·004	−0·0013
469*	11 Leporis.....α	2·7	66·05	20	5 26 46·57	0·00	+2·6442	+0·003	−0·0008
470	Lacaille 1890.....	5·6	68·10	1	5 28 17·56	...	+2·1367	+0·003	...
471	Lacaille 1895.....	5·3	64·11	6	5 28 18·76	...	+2·0145	+0·003	...
472*	46 Orionis.....ε	1·8	66·00	43	5 29 21·86	0·00	+3·0422	+0·004	−0·0013
473‡	123 Tauri.....ζ	3·0	66·58	42	5 29 34·68	0·00	+3·5823	+0·005	−0·0005
474	Lacaille 1923.....	6·3	68·76	1	5 31 3·92	...	+1·1783	+0·006	...
475‡	48 Orionis (mass).σ	3·7	68·02	1	5 31 58·11	0·00	+3·0099	+0·003	−0·0014
476	Piazzi V. 178.....	6·0	68·04	3	5 32 47·72	...	+2·9875	+0·003	...
477	Lalande 10705	8·5†	68·14	1	5 33 7·99	...	+3·0255	+0·003	...
478	Lacaille 1554.....	6·8*	68·09	3	5 33 29·44	...	+0·6502	+0·008	...
479	126 Tauri.....	4·9	64·05	2	5 33 29·65	0·00	+3·4645	+0·005	+0·0001
480	50 Orionis (mass).ζ	1·9	68·06	3	5 33 56·94	0·00	+3·0253	+0·003	−0·0008
481†	Columbæ.....α	2·7	64·99	129	5 34 45·63	0·00	+2·1707	+0·003	−0·0010
482	Lacaille 1955.....	6·6*	68·10	1	5 36 30·55	...	+2 1907	+0·003	...
483	Lacaille 1985.....	6·6*	68·40	2	5 36 55·24	...	−0·0074	+0·012	...
484†	Mensæ.....γ	5·0	62·08	2	5 37 14·58	+0·07	−2·4419	+0·037	+0·025
485*	14 Leporis..... ζ	3·7	68·06	1	5 4 50·37	+0·01	+2·7182	+0·003	−0·0021
486	Columbæ..... μ	5·4	64·32	3	5 40 58·93	...	+2·2277	+0·003	...
487*	53 Orionis..... κ	2·2	68·03	5	5 41 21·24	0·00	+2·8438	+0·003	−0·0010
488	Lacaille 2003.....	5·1	64·01	5	5 42 43·12	...	+1·6598	+0·003	...
489	Lacaille 2005	7·3*	68·11	2	5 43 14·66	...	+1·8866	+0·003	...
490	Pictoris.....β	3·9	64·65	2	5 44 5·25	0·00	+1·4181	+0·004	0·000*

458. κ Pictoris in B.A.C.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
456	66·86	5	+17 50 34·12	+0·01	+3·543	−0·50	−0·003	767	...	...	1692
457	67·49	4	+21 49 3·78	−0·01	+3·523	−0·52	+0·006	768	...	...	1695
458*	62·08	1	−56 15 43·73	...	+3·493	−0·16	...	1853	6268	2397	1704
459	68·84	1	+15 45 27·16	+0·09	+3·483	−0·50	−0·023	771	...	...	1701
460	68·04	2	−12 1 0·83	...	+3·415	−0·40	...	...	6298	2410	1708
461	67·96	3	−44 20 49 97	...	+3·405	−0·26	...	1850	6296	2409	1710
462	64·48	4	−52·26 7·56	...	+3·336	−0·20	...	1863	6317	2417	1712
463	68·10	1	−26 41 55·20	...	+3·311	−0·35	...	1849	6323	2423	1713
464	68·29	11	+18 29 26 23	+0·01	+3·112	−0·51	−0·002	783	...	...	1726
465	63·56	93	− 0 24 6·55	+0·01	+3·041	−0·44	+0·007	787	6401	2454	1730
466	68·14	2	−20 57 56·79	+0·13	+3·021	−0·37	−0·040	791	6404	2455	1732
467	68·11	2	−47 10 51·18	...	+2·954	−0·24	...	1886	6418	2460	1738
468	68·09	3	−47 10 35·98	+0·52	+2·925	−0·24	−0·169	1888	6423	2461	1740
469	62·00	4	−17 55 17·11	+0·03	+2·897	−0·38	+0·010	796	6436	2466	1741
470	68·10	1	−35 14 3·00	...	+2·767	−0·31	...	1890	6466	2480	1753
471	64·11	6	−38 36 33·34	...	+2·764	−0·29	...	1895	6465	2479	1756
472	63·69	29	− 1 17 27·08	0·00	+2·673	−0·44	+0·001	809	6501	2495	1765
473	66·62	40	+21 3 24·91	+0·03	+2·654	−0·52	−0·021	800	...	...	1767
474	68·76	1	−54 59 34·49	...	+2·525	−0·17	...	1923	6530	2504	1779
475	68·02	1	− 2 40 51·30	−0·03	+2·447	−0·44	+0·011	814	6558	2517	1780
476	68·04	3	− 3 38 32·83	...	+2·375	−0·43	...	...	6582	2531	1789
477	68·14	1	− 2 0 12·78	...	+2·346	−0·44	...	...	...	...	...
478	68·09	3	−61 15 34·46	...	+2·315	−0·10	...	1554	6589	2532	1795
479	64·05	2	+16 27 39·40	−0·01	+2·314	−0·50	−0·013	817	...	...	1792
480	68·06	3	− 2 0 59·08	−0·03	+2·275	−0·44	+0·010	819	6614	2539	1794
481	63·67	126	−34 8 52·26	−0·05	+2·204	−0·32	−0·034	1938	6633	2547	1802
482	68·10	1	−33 28 9·93	...	+2·051	−0·32	...	1955	6676	2562	1809
483	68·40	2	−66 38 10·72	...	+2·016	0·00	...	1985	6679	2560	1815
484	62·06	4	−76 26 8·29	+0·95	+1·987	+0·35	+0·322	2027	6674	2558	1819
485	68·06	1	−14 52 28·07	−0·02	+1·675	−0·40	+0·008	843	6778	2596	1840
486	64·32	3	−32 21 35·39	...	+1·662	−0·33	...	1982	6780	2597	1841
487	68·03	5	− 9 43 12·42	−0·01	+1·630	−0·41	+0·004	844	6788	2601	1843
488	64·50	6	−46 38 54·11	...	+1·511	−0·24	...	2003	6817	2612	1855
489	68·11	2	−41 38 14·39	...	+1·464	−0·28	...	2005	6831	2619	1858
490	64·65	2	−51 7 0·15	+0·04	+1·392	−0·21	+0·10*	2021	6848	2628	1861

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
491	Lacaille 2202.....	5·7	68·13	4	5 44 15·18	...	+2·5054	+0·003	...
492†	Doradûs ..... δ	4·5	65·66	3	5 44 31·97	+0·01	+0·1057	+0·008	−0·0082
493	55 Orionis.....	5·3	68·00	2	5 44 50·93	0·00	+2·8951	+0·003	−0·0014
494	Lacaille 2034.....	6·4	68·05	3	5 45 38·85	...	+1·7414	+0·003	...
495	54 Orionis.....χ^1	4·7	65·93	27	5 46 23·39	+0·01	+3·5644	+0·003	−0·0154
496	Lacaille 2052.....	4·8	65·37	3	5 47 50·12	0·00	+1·3545	+0·004	0·000*
497‡	58 Orionis ..... α	Var.	64·35	74	5 47 51·82	0·00	+3·2450	+0·003	+0·0007
498	Mensæ ..... π	5·6	65·21	2	5 47 57·83	−0·01	−4·9637	+0·046	+0·034*
499	Columbæ ..... λ	5·0	67·13	4	5 48 12·78	0·00	+2·1770	+0·003	0·000*
500	Doradûs..... ε	5·0	63·69	3	5 50 2·12	...	−0·0647	+0·007	...
501*	16 Leporis..... η	3·7	68·01	3	5 50 15·34	+0·01	+2·7342	+0·002	−0·0041
502	Columbæ..... ξ	4·9	68·06	2	5 50 51·21	...	+2·0601	+0·003	...
503	1 Monocerotis	7·0*	68·04	2	5 52 35·90	0·00	+2·8509	+0·002	−0·0015
504	2 Monocerotis.....	5·1	68·11	5	5 52 39·77	0·00	+2·8468	+0·002	+0·0009
505†	Columbæ..... η	4·0	62·06	2	5 55 0·89	+0·01	+1·8331	+0·003	+0·0021
506	3 Monocerotis	4·8	67·99	3	5 55 29·44	+0·01	+2·8218	+0·002	−0·0018
507	Lacaille 2114.....	7·3*	68·07	3	5 55 51·64	...	+1·4075	+0·003	...
508	62 Orionis..... χ^2	4·8	67·16	5	5 55 54·15	0·00	+3·5623	+0·002	0·0000
509	1 Geminorum.....	4·3	61·13	2	5 55 54·94	0·00	+3·6469	+0·002	−0·0010
510	C.P.D.−47° No.696	8·5‡	61·94	3	5 56 16·88	...	+1·6305	+0·003	...
511	Lacaille 2133.....	7·3*	68·35	3	5 58 30·82	...	+0·9237	+0·003	...
512	C.Z. V. 2287.....	10·0*	61·94	3	5 58 50·75	...	+1·6497	+0·003	...
513	17 Leporis.....	4·9	68·08	1	5 58 57·72	0·00	+2·6766	+0·002	+0·0003
514	Bradley 889	5·9	68·05	3	5 59 4·55	+0·01	+2·8306	+0·002	−0·0025
515‡	67 Orionis ..... ν	4·4	66·80	20	5 59 51·87	0·00	+3·4248	+0·002	0·0000
516	18 Leporis..... θ	4·6	68·14	2	6 0 2·80	0·00	+2·7157	+0·002	−0·0015
517	Bradley 894.....	6·9*	68·02	1	6 0 32·73	0·00	+2·8083	+0·002	−0·0009
518	Lacaille 2145	6·5*	68·05	1	6 1 16·99	+0·03	+1·5636	+0·003	−0·010*
519	Lacaille 2174.....	6·6*	68·16	1	6 4 36·31	...	+1·7660	+0 002	...
520	Lalande 11805.....	5·0	68·07	4	6 5 17·63	...	+2·9192	+0·002	...
521	Doradûs..... η^1	5·8	68·26	4	6 5 59·94	...	+0·0672	+0·001	...
522‡	7 Geminorum..... η	Var.	65·12	27	6 6 43·72	0·00	+3·6268	+0·001	−0·0052
523	Lacaille 2191.....	6·2	68·04	3	6 6 47·01	...	+1·7237	+0·002	...
524	C.P.D.−45° No.779	9‡	61·94	3	6 7 23·49	...	+1·7084	+0·002	...
525†	Pictoris..... δ	4·8	67·18	2	6 7 40·19	+0·01	+1·1680	+0·002	−0·0054

498. B.A.C. gives no letter.
502. B.A.C. gives no letter.
505. B.A.C. assigns to Puppis.
508. χ^4 in B.A.C.
525. B.A.C. gives no letter.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion. μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
491	68·13	4	−23 0 54·48	...	+ 1·377	−0·37	...	2002	6855	2632	1860
492	66·02	4	−65 47 11·13	+0·01	+ 1·352	−0·02	−0·014	2045	6852	2629	1868
493	68·00	2	− 7 33 24·09	−0·01	+ 1·325	−0·42	+0·003	853	6869	2640	1864
494	68·05	3	−44 54 57·85	...	+ 1·255	−0·26	...	2034	6883	2645	1873
495	65·99	28	+20 14 51·85	+0·10	+ 1·191	−0·52	−0·096	856	...	...	1876
496	65·37	3	−52 8 27·60	+0·07	+ 1·064	−0·20	−0·20*	2052	6925	2668	1890
497*	64·02	124	+ 7 22 44·45	+0·02	+ 1·061	−0·47	+0·020	860	...	2672	1883
498*	66·18	3	−80 33 57·65	−1·10	+ 1·053	+0·72	+0·93*	2138	6907	2653	1898
499	67·09	5	−33 49 59 53	−0·06	+ 1·031	−0·32	+0·03*	2044	6937	2673	1891
500	64·51	4	−66 56 5·62	...	+ 0·872	+0·01	...	2093	6972	2686	1905
501	68·01	3	−14 11 40·46	−0·43	+ 0·853	−0·40	+0·142	866	6992	2696	1901
502*	68·06	2	−37 8 30·80	...	+ 0·800	−0·30	...	2069	7011	2700	1906
503	68·04	2	− 9 23 46·73	−0·02	+ 0·647	−0·42	+0·008	872	7063	2719	1919
504	68·11	5	− 9 34 11·65	+0·11	+ 0·642	−0·42	−0·034	874	7065	2723	1920
505*	62·06	2	−42 49 27·41	−0·06	+ 0·436	−0·27	−0·020	2099	7120	2735	1933
506	67·99	3	−10 36 11·35	−0·07	+ 0·395	−0·41	+0·025	883	7136	2741	1936
507	68·07	3	−51 13 55·25	...	+ 0·362	−0·21	...	2114	7142	2742	1940
508*	67·16	5	+20 8 17·88	−0·01	+ 0·359	−0·52	+0·006	881	...	...	1939
509	61·13	1	+23 16 3·44	−0·36	+ 0·357	−0·53	−0·093	880	...	2746	1938
510	61·94	3	−47 9 29·10	...	+ 0·325	−0·24	...	...	...	...	...
511	68·35	3	−58 6 16·96	...	+ 0·130	−0·14	...	2133	7206	2761	1954
512	61·94	3	−46 46 17·35	...	+ 0·101	−0·24	...	...	...	...	...
513	68·08	1	−16 28 37·67	−0·03	+ 0·090	−0·39	+0·010	890	7226	2768	1955
514	68·05	3	−10 14 9·50	−0·08	+ 0·080	−0·41	+0·026	889	7232	2770	1956
515	64·76	41	+14 46 53·78	0·00	+ 0·012	−0·50	−0·016	887	...	2779	1958
516	68·14	2	−14 55 32·50	−0·04	− 0·004	−0·40	+0·014	892	7253	2780	1959
517	68·02	1	−11 9 39·47	−0·03	− 0·048	−0·41	+0·010	894	7272	2791	1961
518	68·05	1	−48 26 50·03	+0·15	− 0·112	−0·23	−0·05*	2145	7297	2795	1972
519	68·14	2	−44 20 6·46	...	− 0·403	−0·26	...	2174	7384	2828	1993
520	68·07	4	− 6 31 18·96	...	− 0·464	−0·43	...	...	7408	2838	1994
521	68·31	3	−66 1 15·58	...	− 0·525	−0·01	...	2203	7413	2837	2003
522*	64·99	30	+22 32 33·28	0·00	− 0·589	−0·53	−0·003	909	...	2853	2002
523	68·04	3	−45 15 10·59	...	− 0·595	−0·25	...	2191	7444	2850	2006
524	61·94	3	−45 34 52·43	...	− 0·646	−0·25	...	...	...	...	...
525*	67·18	2	−54 56 22·58	+0·04	− 0·671	−0·17	−0·020	2201	7467	2857	2013

497. Limits of magnitude 1 − 1·4. Irregularly periodic.

522. Limits of magnitude 3·2 − 3·7 to 4·2. Period $231^d \cdot 4$. Periodic inequality.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
526	✳	8·5‡	61·93	2	6 8 12·99	...	+1·7152	+0·002	...
527*	5 Monocerotis	4·0	68·05	2	6 8 16·32	0·00	+2·9260	+0·002	−0·0010
528	✳	9·5‡	61·94	2	6 9 37·36	...	+1·7236	+0·002	...
529	Lacaille 2206	6·4	68·14	2	6 10 45·33	...	+2·3088	+0·002	...
530*	6 Monocerotis	6·5	68·10	2	6 11 14·57	+0·01	+2·8203	+0·002	−0·0026
531	7 Monocerotis	5·1	68·04	3	6 13 12·68	0·00	+2·8899	+0·001	−0·0001
532‡	13 Geminorum.... μ	3·2	66·33	30	6 14 47·57	0·00	+3·6269	0·000	+0·0037
533	Lacaille 2238	6·7*	68·04	3	6 14 53·03	...	+1·3219	+0·002	...
534	Lacaille 2241	6·9	68·09	3	6 15 28·83	...	+1·4651	+0·002	...
535*	2 Canis Majoris... β	2·0	68·11	2	6 16 45·26	0·00	+2·6416	+0·002	−0·0016
536	Lacaille 2253	7·6	68·16	1	6 17 14 70	...	+1·7528	+0·002	...
537	Lacaille 2265	6·2	68·14	3	6 19 19 92	...	+2·0812	+0·002	...
538	9 Monocerotis	6·9*	68·04	5	6 20 19 63	0·00	+2·9724	+0·001	−0·0008
539	78 Orionis	6·1*	68·17	2	6 20 21 54	−0·01	+3·0675	+0·001	+0·0022
540	Pictoris..... ν	5·8	68·06	3	6 20 31 27	...	+1·0754	+0·001	...
541	18 Geminorum.... ν	4·0	69·32	8	6 20 56·83	+0·01	+3·5644	−0·001	−0·0022
542†	Argûs..... α	−1·0	63·56	64	6 20 57·26	0·00	+1·3292	+0·001	+0·0013
543	Bradley 950	7·3*	68·14	1	6 21 53 94	+0·01	+3·0607	+0·001	−0·0026
544	11 Monocerotis A....	4·0	68·13	1	6 22 16·39	+0·01	+2·9099	+0·001	−0·0022
545	11 Monocerotis ABC.	3·9	68·08	1	6 22 16·54	+0·01	+2·9099	+0·001	−0·0022
546	11 Monocerotis BC...	7·0	68·12	1	6 22 16·77	+0·01	+2·9099	+0·001	−0·0022
547†	Canis Majoris..... λ	4·6	67·18	1	6 23 9·95	+0·01	+2·2247	+0·002	−0·0049
548	Lacaille 2310	8·0	68·10	1	6 24 43·99	...	+1·9453	+0·002	...
549	Lacaille 2319	5·7	68·14	2	6 26 24·62	...	+2·1363	+0·002	...
550	Lacaille 2333	5·3	62·04	2	6 26 29·85	...	+1·4812	+0·001	...
551	Lacaille 2348	6·8*	68·04	3	6 26 32·21	...	+0·5677	−0·003	...
552†	Doradûs..... π^2	5·4	68·11	2	6 26 37·62	+0·01	−0·5011	−0·010	−0·002
553	Lacaille 2330	5·9	68·19	1	6 27 35·96	...	+2·2448	+0·002	...
554‡	24 Geminorum ... γ	2·0	66·14	22	6 29 54·75	0·00	+3·4650	−0·001	+0·0021
555	6 Canis Majoris.. ν^1	6·4*	68·10	3	6 30 28·15	+0·01	+2·6273	+0·001	−0·0026
556	7 Canis Majoris.. ν^2	4·3	68·18	1	6 30 47·78	−0·01	+2·6121	+0·001	+0·0028
557	✳	10‡	61·93	4	6 31 3·86	...	+1·9146	+0·002	...
558	8 Canis Majoris.. ν^3	4·7	68·12	1	6 31 57·23	0·00	+2·6387	+0·001	−0·0011
559	Lacaille 2402. *seq*...	5·2	68·09	2	6 35 1·53	...	+1·5992	+0·001	...
560	Lacaille 2397	7·0*	68·19	1	6 35 21·12	...	+2·0386	+0·001	...

540. B.A.C. gives no letter.
547. B.A.C. gives no letter.
559. v Puppis in B.A.C.

545. β in C.G.A.
550. z Puppis in B.A.C.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
526	61·93	2	−45 26 24·76	...	−0·719	−0·25	...	...	...	...	...
527	68·05	2	− 6 14 9·26	+0·06	−0·723	−0·43	−0·020	920	7495	2868	2015
528	61·94	2	−45 16 8·52	...	−0·841	−0·25	...	...	...	...	...
529	68·14	2	−29 44 41·18	...	−0·940	−0·34	...	2206	7561	2880	2027
530	68·10	2	−10 40 40·04	+0·04	−0·984	−0·41	−0·012	927	7572	2887	2030
531	68·04	3	− 7 46 8·23	−0·03	−1·156	−0·42	+0·009	928	7628	2905	2040
532	65·08	80	+22 34 46·27	+0·01	−1·294	−0·53	−0·104	929	...	2923	2047
533	68·04	3	−52 40 45·49	...	−1·301	−0·19	...	2238	7668	2916	2052
534	68·09	3	−50 18 11·93	...	−1·354	−0·22	...	2241	7689	2927	2055
535	68·11	2	−17 53 27·91	−0·03	−1·464	−0·38	+0·010	936	7719	2940	2061
536	68·16	1	−44 41 45·90	...	−1·508	−0·25	...	2253	7730	2943	2068
537	68·14	3	−36 38 19·47	...	−1·690	−0·30	...	2265	7801	2971	2079
538	68·04	5	− 4 16 40·26	−0·02	−1·777	−0·43	+0·007	945	7832	2988	2087
539	68·17	2	− 0 11 51·80	−0·04	−1·780	−0·45	+0·012	944	7834	2989	2088
540*	68·06	3	−56 17 52·15	...	−1·793	−0·16	...	2292	7827	2982	2093
541	69·36	7	+20 17 38·41	+0·03	−1·831	−0·52	−0·006	942	...	2994	2090
542	63·99	76	−52 37 22·84	+0·01	−1·831	−0·19	+0·008	2291	7843	2992	2096
543	68·14	1	− 0 29 18·24	+0·05	−1·913	−0·44	−0·016	950	7873	3005	2099
544	68·13	1	− 6 56 57·36	−0·01	−1·945	−0·42	+0·004	...	7883	3009	...
545*	68·08	1	− 6 56 58·72	−0·01	−1·945	−0·42	+0·004	952	...	...	2105
546	68·12	2	− 6 57 1·57	−0·01	−1·946	−0·42	+0·004	...	7885–6	...	...
547*	67·18	1	−32 29 47·20	−0·05	−2·024	−0·32	+0·021	2295	7904	3014	2109
548	68·10	1	−40 17 6·55	...	−2·160	−0·28	...	2310	7939	3026	2122
549	68·14	2	−35 9 53·24	...	−2·306	−0·31	...	2319	7992	3045	2136
550*	62·04	2	−50 8 41·73	...	−2·314	−0·22	...	2333	7991	3044	2137
551	68·04	3	−62 3 41·91	...	−2·317	−0·08	...	2348	7988	3040	2142
552	68·11	2	−69 36 44·28	−0·65	−2·326	+0·07	+0·21	2368	7985	3034	2145
553	68·19	1	−31 55 56·86	...	−2·409	−0·32	...	2330	8017	3057	2147
554	64·91	46	+16 30 40·22	0·00	−2·610	−0·50	−0·036	969	...	3087	2163
555	68·10	3	−18 33 5·74	−0·07	−2·658	−0·38	+0·023	975	8088	3089	2168
556	68·18	1	−19 8 33·87	+0·13	−2·687	−0·38	−0·041	978	8101	3094	2171
557	61·93	4	−41 8 44·20	...	−2·710	−0·28	...	...	...	...	...
558	68·12	1	−18 7 20·96	−0·05	−2·787	−0·38	+0·016	979	8139	3108	2174
559*	68·09	2	−43 6 1·87	...	−3·054	−0·23	...	2402	8227	3136	2193
560	68·19	1	−38 2 7·17	...	−3·081	−0·29	...	2397	8243	3141	2195

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
561‡	27 Geminorum .... ϵ	3·2	64·84	5	6 35 37·51	0·00	+3·6953	−0·003	−0·0012
562‡	31 Geminorum .... ξ	3·4	66·01	6	6 37 42·74	+0·01	+3·3774	−0·002	−0·0087
563*	9 Canis Majoris ...α	−1·4	...	174	6 39 11	...	+2·6810	+0·001	−0·0379
564	Puppis x	5·3	67·17	1	6 42 44·15	...	+2·0536	+0·001	...
565	Lacaille 2490.....	5·7	68·08	1	6 44 40·73	...	+1·1713	−0·002	...
566	Lacaille 2470.....	6·5	68·04	2	6 44 42·20	...	+2·3985	+0·001	...
567	Lacaille 2479.....	5·7	68·13	2	6 45 17·12	...	+2·2671	+0·001	...
568	Lacaille 2486.....	4·9	66·91	1	6 45 57·75	...	+2·1813	+0·001	...
569†	Pictoris..... α	3·3	62·06	2	6 46 48·25	−0·04	+0·6308	−0·006	−0·0123
570	Carinæ..... A	4·4	63·34	4	6 46 55·36	...	+1·3051	−0·001	...
571	Lacaille 2493.....	6·1	68·21	1	6 46 56·80	...	+2·1186	+0·001	...
572	37 Geminorum.....	6·2†	67·09	1	6 47 0·44	+0·01	+3·6976	−0·005	−0·0037
573	15 Canis Majoris....	4·4	68·15	2	6 47 42·74	+0·01	+2·5944	+0·001	−0·0026
574*	14 Canis Majoris...θ	4·2	68·11	3	6 47 55·03	+0·03	+2·7971	+0·001	−0·0107
575	Lacaille 2518.....	6·7*	68·07	3	6 48 25·84	...	+1·8808	+0·001	...
576	17 Canis Majoris....	5·9	68·14	2	6 49 12·91	+0·01	+2·5905	+0·001	−0·0021
577*	19 Canis Majoris ...	4·5	68·19	1	6 49 46·27	−0·01	+2·5977	+0·001	+0·0029
578	39 Geminorum.....	6·5†	67·08	1	6 50 28·12	+0·03	+3·7156	−0·006	−0·0134
579	Lacaille 2539.....	6·3	68·16	1	6 51 54·80	...	+2·1542	+0·001	...
580†	21 Canis Majoris.. ϵ	1·5	64·77	77	6 53 19·18	0·00	+2·3571	+0·001	−0·0009
581	Puppis..... t	5·2	67·05	2	6 53 28·63	0·00	+2·1969	+0·001	0·000*
582‡	43 Geminorum.... ζ	Var.	66·42	32	6 56 6·04	0·00	+3·5640	−0·005	−0·0011
583*	23 Canis Majoris. γ	4·1	67·04	23	6 57 39·05	0·00	+2·7145	+0·001	−0·0003
584	Puppis c	5·3	66·92	1	6 59 46·20	+0·01	+1·9032	+0·001	−0·007*
585	Lacaille 2608.....	5·5	68·16	1	6 59 48·88	+0·04	+1·8495	+0·001	−0·012†
586	Lacaille 2638.....	6·0	68·21	1	7 2 41·97	...	+1·9654	+0·001	...
587†	25 Canis Majoris.. δ	1·9	62·08	1	7 2·54·03	0·00	+2·4393	+0·001	−0·0014
588	47 Geminorum.....	5·5	67·09	10	7 3 0·66	0·00	+3·7298	−0·008	−0·0018
589*	20 Monocerotis.....	5·1	68·09	2	7 3 31·38	0·00	+2·9815	−0·001	−0·0016
590	Lacaille 2651	6·0	68·07	3	7 3 59·09	...	+1·4413	−0·002	...
591	Puppis..... A	4·9	62·09	3	7 4 19·17	...	+2·0152	+0·001	...
592	22 Monocerotis	4·0	68·15	1	7 4 58·24	0·00	+3·0660	−0·002	−0·0014
593	23 Monocerotis.....	7·8*	68·12	1	7 6 24·09	...	+3·0715	−0·002	...
594	Lacaille 2665.....	7·1*	68·19	1	7 6 47·60	...	+2·0394	+0·001	...
595	Lacaille 2660.....	6·6*	68·18	1	7 6 52·01	...	+2·3148	+0·001	...

563. The separate observations are printed in the Appendix.
565. o Carinæ in B.A.C.
570. The letter B is inserted to Nos. 2259 and 2770 in B.A.C.
571. u Puppis in B.A.C.
577. π in C.G.A.
586. D Puppis in B.A.C.
590. P Carinæ in B.A.C.
592. δ in C.G.A.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for $\mu\delta$ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion $\mu\delta$	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
561	65·73	8	+25 15 40·33	0·00	−3·104	−0·53	−0·006	983	...	...	2194
562	65·91	6	+13 2 17·94	+0·17	−3·285	−0·49	−0·191	989	...	3165	2206
563*	...	257	−16 32	...	−3·413	−0·38	−1·207	994	8348	3176	2213
564	67·17	1	−37 46 56·17	...	−3·718	−0·29	...	2455	8455	3212	2231
565*	68·08	1	−55 23 27·13	...	−3·885	−0·17	...	2490	8511	3229	2250
566	68·04	2	−27 10 46·84	...	−3·887	−0·34	...	2470	8515	3233	2244
567	68·13	2	−31 33 3·04	...	−3·937	−0·32	...	2479	8528	3239	2251
568	65·30	3	−34 12 34·92	...	−3·995	−0·31	...	2486	8551	3248	2252
569	62·06	3	−61 47 48·85	+0·82	−4·067	−0·09	+0·278	2525	8570	3253	2260
570*	63·34	4	−53 27 56·01	...	−4·077	−0·18	...	2511	8573	3255	2259
571*	68·21	1	−36 4 3·46	...	−4·080	−0·30	...	2493	8577	3257	2258
572	67·10	2	+25 32 29·21	−0·02	−4·084	−0·53	+0·011	1007	...	...	2254
573	68·15	2	−20 3 33·61	−0·09	−4·145	−0·37	+0·029	1012	8602	3267	2263
574	68·11	3	−11 52 18·03	+0·01	−4·163	−0·40	−0·002	1011	8614	3270	2264
575	68·07	3	−42 20 23·23	...	−4·207	−0·27	...	2518	8621	3275	2268
576	68·14	2	−20 14 4·42	−0·03	−4·274	−0·37	+0·011	1016	8646	3286	2269
577*	68·19	1	−19 57 59·71	−0·17	−4·321	−0·37	+0·052	1018	8658	3292	2272
578	67·08	6	+26 15 18·49	−0·17	−4·381	−0·53	+0·083	1013	...	...	2275
579	68·16	1	−35 9 54·20	...	−4·504	−0·30	...	2539	8720	3312	2282
580	64·13	141	−28 47 25·35	0·00	−4·624	−0·33	+0·003	1023*	8752	3331	2293
581	67·01	3	−33 55 50·01	−0·14	−4·638	−0·31	+0·07*	2554	8757	3332	2295
582*	65·67	46	+20 45 54·05	0·00	−4·860	−0·50	+0·007	1024	...	...	2305
583	65·44	16	−15 26 9·80	0·00	−4·992	−0·38	−0·001	1028	8880	3385	2319
584	66·92	1	−42 8 20·81	−0·02	−5·171	−0·27	+0·01*	2607	8935	3404	2327
585*	68·16	1	−43 25 19·06	−1·14	−5·175	−0·26	+0·36†	2608	8936	3405	2328
586*	68·21	1	−40 41 1·42	...	−5·419	−0·27	...	2638	9013	3435	2344
587	62·06	2	−26 10 51·50	+0·02	−5·435	−0·34	+0·006	1042*	9021	3438	2345
588	67·10	17	+27 4 30·19	+0·09	−5·445	−0·52	−0·045	1034	...	...	2343
589	68·09	2	−4 1 42·25	−0·70	−5·487	−0·42	+0·225	1041	9044	3446	2348
590*	68·07	3	−51 45 27·22	...	−5·526	−0·20	...	2651	9046	3447	2353
591	62·08	4	−39 26 26·30	...	−5·555	−0·28	...	2649	9060	3453	2355
592*	68·15	1	−0 16 17·72	−0·09	−5·609	−0·43	+0·027	1047	9083	3461	2358
593	68·12	1	−0 2 0·61	...	−5·729	−0·43	...	...	9117	3474	2366
594	68·19	1	−38 52 49·76	...	−5·763	−0·28	...	2665	9124	3477	2372
595	68·18	1	−30 35 51·81	...	−5·769	−0·32	...	2660	9128	3478	2371

d.

582. Limits of Magnitude 3·7−4·5. Period 10·154.
585. Proper Motion from *Cincinnati Publications*, No. 12.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
596	Puppis ..... E	5·5	62·05	2	7 7 47·65	−0·02	+1·9885	+0·001	−0·006*
597†	Puppis I	4·5	65·34	3	7 8 42·79	+0·01	+1·7243	0·000	−0·0155
598	27 Canis Majoris...	4·5	65·50	6	7 8 45·07	0·00	+2·4457	+0·001	−0·0022
599	Puppis..... L[1]	5·1	67·02	2	7 9 11·09	...	+1·7978	0·000	...
600	Lacaille 2702.....	7·0*	68·17	1	7 9 16·25	...	+1·1848	−0·004	...
601	Brisbane 1518.....	7·5*	68·21	1	7 9 23·97	...	+2·3225	+0·001	...
602	Volantis ..... γ^1	5·3	67·17	2	7 9 50·27	...	−0·4855	−0·033	...
603	Volantis ..... γ^2	3·8	67·17	2	7 9 52·59	...	−0·4857	−0·033	...
604‡	54 Geminorum.... λ	3·6	66·55	21	7 10 20·00	+0·01	+3·4564	−0·005	−0·0042
605	Lacaille 2715.....	6·9*	68·13	2	7 10 37·54	...	+1·3544	−0·003	...
606‡	55 Geminorum..... δ	3·7	66·29	7	7 12 3·54	0·00	+3·5917	−0·007	−0·0022
607†	Argûs ..... π	2·5	62·08	2	7 12 22·57	0·00	+2·1193	+0·001	−0·0017
608	30 Canis Majoris....	4·3	67·26	4	7 13 6·60	0·00	+2·4878	+0·001	−0·0018
609	Puppis..... F	5·3	...	...	7 13 57	...	+2·0465	+0·001	...
610	Brisbane 1556.....	7·5*	68·18	1	7 14 26·54	...	+2·0898	+0·001	...
611	57 Geminorum.... A	5·0	67·04	7	7 15 14·55	+0·01	+3·6705	−0·009	−0·0063
612	Lacaille 2749.....	6·7*	68·14	2	7 15 31·60	...	+2·4648	+0·001	...
613	Piazzi VII. 86.....	5·8	68·10	3	7 15 48·12	...	+2·9452	−0·001	...
614†	Volantis ..... δ	3·9	63·69	3	7 16 53·24	0·00	−0·0077	−0·025	−0·0010
615	Lacaille 2779.....	6·8*	68·17	2	7 17 6·06	...	+1·4530	−0·002	...
616	C.G.A. 9422	7·0*	...	...	7 17 7	...	+1·4531	−0·002	...
617	60 Geminorum.... ι	4·0	62·04	1	7 17 20·37	−0·03	+3·7446	−0·010	−0·0096
618	Lacaille 2766.....	7·5*	68·10	1	7 17 26·36	...	+2·2902	+0·001	...
619	Lacaille 2769.....	5·6	68·21	1	7 17 51·02	...	+2·2945	+0·001	...
620†	31 Canis Majoris.. η	2·4	62·06	1	7 18 45·31	0·00	+2·3731	+0·001	−0·0007
621	Lacaille 2793.....	5·3	68·10	1	7 19 33·43	...	+2·3002	+0·001	...
622	63 Geminorum.....	5·3	67·34	11	7 19 43·40	+0·01	+3·5727	−0·008	−0·0049
623*	Piazzi VII. 116.....	5·8	68·11	5	7 21 30·91	+0·01	+2·8219	−0·001	−0·0022
624	Lacaille 2810.....	6·5*	68·18	1	7 21 41·37	...	+2·2308	+0·001	...
625	6 Canis Minoris	5·0	65·22	2	7 22 16·97	0·00	+3·3446	−0·005	−0·0011
626	Lacaille 2829.....	5·0	68·19	1	7 22 53·82	...	+1·5417	−0·002	...
627	Lacaille 2821.....	7·0	68·10	2	7 23 39·89	...	+2·3045	+0·001	...
628	Lacaille 2823.....	6·1	64·97	5	7 23 52·25	...	+2·3165	+0·001	...
629	Puppis..... y	5·6	68·14	2	7 24 25·24	...	+2·0786	+0·001	...
630	Argûs..... σ	3·0	64·16	5	7 24 56·97	−0·01	+1·9086	+0·001	−0·011*

603. γ in B.A.C.
608. τ in C.G.A.
619. s Puppis in B.A.C.
626. R Carinæ in B.A.C.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	′				
596	62·05	2	−40 16 19·00	0·00	−5·847	−0·28	0·00*	2672	9152	3490	2380
597	65·34	3	−46 32 6·73	−0·03	−5·923	−0·24	+0·079	2687	9176	3493	2389
598	65·50	6	−26 7 19·46	−0·03	−5·926	−0·34	+0·050	1059*	9181	3499	2388
599	67·05	3	−44 56 58·49	...	−5·962	−0·25	...	2690	9194	3501	2392
600	68·17	1	−55 55 45·47	...	−5·969	−0·16	...	2702	9193	3500	2396
601	68·21	1	−30 25 26·85	...	−5·981	−0·32	...	...	9202	3507	2394
602	67·17	2	−70 16 39·10	...	−6·017	+0·07	...	...	9199	...	...
603*	67·21	3	−70 16 43·98	...	−6·020	+0·07	...	2746	9206	3503	2400
604	65·76	28	+16 46 51·62	+0·02	−6·058	−0·48	−0·032	1058	...	...	2398
605	68·13	2	−53 26 7·56	...	−6·084	−0·19	...	2715	9233	3522	2402
606	65·02	41	+22 13 39·98	0·00	−6·203	−0.50	0·000	1062	...	3551	2410
607	62·08	2	−36 51 24·02	+0·02	−6·229	−0·29	+0·006	2720	9288	3550	2414
608*	67·26	4	−24 42 36·23	−0·07	−6·290	−0·34	+0·031	1069*	9313	3562	2418
609	64·65	2	−38 57 55·43	...	−6·359	−0·28	...	2739	9341	3571	2427
610	68·18	1	−37 47 31·02	...	−6·401	−0·28	...	...	9348	3574	2430
611	67·05	14	+25 18 24·54	+0·03	−6·467	−0·50	−0·017	1068	...	...	2431
612	68·14	2	−25 38 24·36	...	−6·491	−0·34	...	2749	9378	3586	2436
613	68·10	3	− 5 43 40·14	...	−6·513	−0·40	...	...	9394	3590	2437
614	63·69	3	−67 42 35·92	−0·02	−6·602	−0·00	−0·014	2809	9407	3593	2447
615	68·17	2	−52 3 49·23	...	−6·620	−0·20	...	2779	9420	3598	2445
616	68·17	2	−52 3 39·69	...	−6·622	−0·20	...	...	9422	3599	...
617	62·04	1	+28 3 46·45	−0·21	−6·639	−0·51	−0·071	1072	...	...	2442
618	68·10	1	−31 47 19·53	...	−6·648	−0·31	...	2766	9442	3613	2446
619*	68·25	2	−31 39 57·42	...	−6·682	−0·31	a.	2769	9455	3615	2449
620	62·06	1	−29 2 29·87	+0·03	−6·756	−0·32	+0·011	1081*	9476	3627	2458
621	68·10	1	−31 32 44·29	...	−6·822	−0·31	...	2793	9503	3633	2461
622	67·34	11	+21 43 5·21	+0·24	−6·836	−0·49	−0·101	1077	...	...	2460
623	68·11	5	−11 17 5·91	−0·04	−6·984	−0·38	+0·013	...	9561	3653	2470
624	68·18	1	−33 52 14·95	...	−6·997	−0·30	...	2810	9564	3655	2471
625	64·85	3	+12 16 58·82	0·00	−7·047	−0·45	−0·002	1085	...	...	2473
626*	68·19	1	−50 44 50·14	...	−7·097	−0·21	...	2829	9594	3665	2476
627	68·10	2	−31 34 21·24	...	−7·160	−0·31	...	2821	9616	3672	2477
628	64·97	5	−31 10 45·11	...	−7·176	−0·31	...	2823	9621	3676	2478
629	68·14	2	−38 32 5·67	...	−7·221	−0·28	...	2832	9637	3681	2479
630	64·68	6	−43 1 47·47	+0·06	−7·265	−0·26	+0·18*	2837	9652	3683	2482

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α.
					h m s	s	s	s	s
631	Lacaille 2834.....	4·7	65·36	3	7 25 27·69	...	+2·3333	+0·001	...
632	68 Geminorum	5·0	64·94	12	7 25 54·16	0·00	+3·4315	−0·007	−0·0023
633‡	66 Geminorum.....*a*	2·2	66·33	3	7 25 58·66	+0·02	+3·8549	−0·013	−0·0144
634	Lacaille 2851.....	5·9	68·12	3	7 26 43·21	...	+1·4604	−0·002	...
635	Lacaille 2861.....	6·7*	68·17	1	7 27 27·78	...	+1·3569	−0·004	...
636	Lacaille 2844.....	5·6	68·21	1	7 27 31·15	...	+2·5086	+0·001	...
637	69 Geminorum.... *v*	4·2	64·19	10	7 27 36·05	0·00	+3·7094	−0·011	−0·0023
638	Puppis..... *n*	5·9	68·21	2	7 28 36·44	...	+2·5417	+0·001	...
639	Piazzi VII. 149.....	6·1	...	...	7 28 37	...	+2·5416	+0·001	...
640	Lacaille 2854.....	7·0*	65·35	3	7 28 55·17	...	+2·4731	+0·001	...
641	Puppis ..... *p*	4·4	68·18	1	7 29 57·79	...	+2·4131	+0·001	...
642*	25 Monocerotis.....	5·1	68·15	1	7 30 33·96	+0·02	+2·9898	−0·002	−0·0062
643	Lacaille 2874.....	7·0*	68·19	1	7 30 37·45	...	+1·8805	0·000	...
644	74 Geminorum....*f*	5·2	66·90	3	7 31 40·71	0·00	+3·4717	−0·008	−0·0019
645*	10 Canis Minoris..*a*	0·5	...	83	7 32 14	...	+3·1920	−0·004	−0·0479
646†	Carinæ..... Q	4·9	68·08	1	7 32 19·26	0·00	+1·4845	−0·003	0·0000
647	Lacaille 2900.....	7·0*	67·27	2	7 32 58·61	...	+2·1222	+0·001	...
648	Puppis ..... *k*	4·4	67·20	4	7 33 17·33	...	+2·4600	+0·001	...
649	Piazzi VII. 177.....	4·9	67·22	3	7 33 17·78	...	+2·4600	+0·001	...
650	Puppis ..... d^1	5·1	68·10	1	7 34 41·85	...	+2·1154	+0·001	...
651*	26 Monocerotis.....	4·2	68·21	1	7 34 47·95	+0·02	+2·8729	−0·001	−0·0074
652	Lacaille 2926.....	6·6*	68·14	3	7 35 44·90	...	+1·4525	−0·003	...
653	76 Geminorum.... *c*	5·3	67·03	3	7 35 52·68	+0·01	+3·6706	−0·011	−0·0028
654‡	77 Geminorum.... κ	3·6	65·34	7	7 36 17 63	0·00	+3·6340	−0·011	−0·0031
655‡	78 Geminorum.... β	1·1	66·67	6	7 37 2 99	+0·08	+3·7297	−0·013	−0·0481
656	Lacaille 2939.....	5·8	68·26	2	7 38 15·52	...	+2·1972	+0·001	...
657	81 Geminorum.... *g*	5·1	63·83	9	7 38 18·36	−0·01	+3·4868	−0·009	−0·0062
658†	3 Argûs..... τ	4·2	66·96	1	7 38 23·38	0·00	+2·4083	+0·001	−0·0015
659	Lacaille 2940.....	5·4	68·18	1	7 38 53·66	...	+2·5223	+0·001	...
660	Lacaille 2943.....	7*	68·14	2	7 38 55·89	...	+2·1273	+0·001	...
661	Lacaille 2945.....	5·1	63·72	3	7 39 6·09	...	+2·0313	+0·001	...
662	2 Puppis.....	7·5*	68·12	1	7 39 16·55	0·00	+2·7613	0·000	−0·0013
663	Lacaille 2954.....	6·8*	67·77	2	7 39 45·65	...	+2·1376	+0·001	...
664†	Puppis .....*c*	3·4	62·06	1	7 40 26·71	−0·01	+2·1382	+0·001	−0·0042
665	Lacaille 2984.....	6·9	68·14	2	7 41 54·07	...	+2·0689	+0·001	...

638, 639. n^1 and n^2 Puppis in B.A.C. 640. *g* Puppis in B.A.C.
645. The separate observations are printed in the Appendix.
648, 649. k^1 and k^2 Puppis in B.A.C. 651. γ in B.A.C.; α in C.G.A.
658. 3 Puppis in B A.C.; *l* in C.G.A. 661. w Puppis in B.A.C.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for $\mu\delta$ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion $\mu\delta$.	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
631	65·36	3	−30 40 49·40	...	− 7·307	−0·32	...	2834	9664	3689	2484
632	64·70	15	+16 6 51·05	0·00	− 7·342	−0·46	−0·005	1091	...	...	2486
633*	66·33	3	+32 10 51·06	+0·09	− 7·349	−0·52	−0·071	1087	...	3696	2485
634	68·12	3	−52 22 13·79	...	− 7·408	−0·19	...	2851	9697	3698	2490
635	68·17	1	−54 6 58·14	...	− 7·469	−0·18	...	2861	9712	3705	2496
636	68·21	1	−24 25 22·38	...	− 7·474	−0·34	...	2844	9719	3710	2494
637	64·64	9	+27 11 32·46	−0·04	− 7·480	−0·50	−0·101	1094	...	...	2493
638*	68·21	2	−23 10 53·43	...	− 7·561	−0·34	...	2849	9744	3719	2497
639*	68·21	2	−23 10 56·85	...	− 7·563	−0·34	...	...	9745	3720	2498
640*	65·35	3	−25 50 22·90	...	− 7·587	−0·33	...	2854	9752	3723	2500
641	68·18	1	−28 4 22·88	...	− 7·672	−0·32	...	2867	9782	3737	2508
642	68·15	1	− 3 48 40·26	−0·08	− 7·721	−0·40	+0·025	1102	9804	3745	2513
643	68·19	1	−44 0 2·42	...	− 7·725	−0·25	...	2874	9797	3741	2515
644	65·67	4	+17 58 44·05	−0·01	− 7·811	−0·46	+0·018	1103	...	...	2519
645*	...	52	+ 5 34	...	− 7·855	−0·43	−1·020	1106	...	3760	2522
646	68·08	1	−52 14 0·39	+0·09	− 7·862	−0·20	−0·030	2902	9845	3756	2524
647	67·27	2	−37 42 31·38	...	− 7·915	−0·28	...	2900	9867	3768	2528
648*	67·19	6	−26 29 47·84	...	− 7·939	−0·33	...	2896	9880	3773	2530
649*	67·19	6	−26 29 55·58	...	− 7·941	−0·33	...	...	9881	3774	2531
650	68·10	1	−37 59 54·97	...	− 8·053	−0·28	...	2909	9925	3787	2543
651*	68·19	2	− 9 14 19·45	+0·05	− 8·061	−0·38	−0·015	1110	9933	3791	2542
652	68·14	3	−52 57 49·69	...	− 8·137	−0·19	...	2926	9954	3803	2552
653	67·03	4	+26 6 9·11	+0·05	− 8·148	−0·49	−0·026	1109	...	...	2549
654	64·58	13	+24 43 7·20	−0·02	− 8·181	−0·48	−0·044	1111	...	...	2551
655	64·17	6	+28 20 58·11	−0·04	− 8·241	−0·49	−0·045	1112	...	3823	2555
656	68·26	2	−35 43 50·65	...	− 8·338	−0·29	...	2939	10031	3829	2561
657	63·82	12	+18 50 11·20	−0·05	− 8·341	−0·46	−0·044	1115	...	...	2558
658*	66·96	1	−28 38 2·10	0·00	− 8·347	−0·32	−0·001	1120*	10033	3831	2562
659	68·18	1	−24 21 5·28	...	− 8·388	−0·33	...	2940	10055	3839	2565
660	68·14	2	−37 52 50·12	...	− 8·391	−0·28	...	2943	10053	3836	2568
661*	63·72	3	−40 36 19·01	...	− 8·404	−0·27	...	2945	10060	3840	2570
662	68·12	2	−14 21 53·49	−0·01	− 8·419	−0·36	+0·002	1121	10077	3848	2569
663	67·77	2	−37 37 9·97	...	− 8·457	−0·28	...	2954	10088	3852	2575
664	62·06	1	−37 38 32·29	−0·01	− 8·511	−0·28	−0·002	2958	10113	3864	2580
665	68·14	2	−39 43 45·05	...	− 8·626	−0·27	...	2984	10169	3885	2593

633. "Castor" in observing book; the observations may refer to α Geminorum *seq.*

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
666	Bradley 1130.....	6·3*	68·21	1	7 43 21·34	+0·03	+2·5217	+0·001	−0·010
667†	Volantis..... ζ	3·8	67·08	3	7 43 27·74	−0·01	−0·6936	−0·061	+0·003
668	6 Puppis.....	5·7	68·17	1	7 43 35·21	−0·01	+2·7069	0·000	+0·0045
669†	7 Argûs *seq*..... ξ	3·4	64·61	2	7 43 36·90	0·00	+2·5234	+0·001	−0·0016
670†	Puppis..... P	4·1	66·97	2	7 45 7·69	0·00	+1·8291	0·000	−0·0019
671	83 Geminorum.... φ	4·9	65·06	3	7 45 13·85	0·00	+3·6857	−0·013	−0·0023
672	8 Puppis.....	6·8*	68·18	2	7 45 22·07	0·00	+2·8070	−0·001	−0·0005
673	Lacaille 3036.....	6·2	68·16	4	7 45 26·48	...	+1·2870	−0·006	...
674*	9 Puppis (mass)....	5·5	66·11	3	7 45 31·23	+0·01	+2·7836	−0·001	−0·0058
675	Lacaille 3046.....	5·6	68·17	1	7 46 12·65	...	+1·2942	−0·006	...
676	Lacaille 3033.....	6·9*	68·23	1	7 46 25·13	...	+1·9077	0·000	...
677†	Puppis..... *a*	3·7	68·22	2	7 47 34·56	+0·01	+2·0633	+0·001	−0·0020
678	Lacaille 3052.....	5·4	68·18	1	7 48 5·78	...	+2·2062	+0·001	...
679	Lacaille 3069.....	4·8	62·06	1	7 49 15·50	...	+1·6927	−0·001	...
680	1 Cancri.....	5·9	66·22	9	7 49 19·44	0·00	+3·4160	−0·008	−0·0030
681†	Lacaille 3068.....	4·3	67·18	1	7 49 20·10	0·00	+1·7643	−0·001	−0·0002
682	Lacaille 3072.....	6·8	68·14	2	7 50 59·85	...	+2·3909	+0·001	...
683*	11 Puppis..... *e*	4·3	68·21	1	7 51 3·22	+0·01	+2·5815	+0·001	−0·0044
684	Lacaille 3088	7·5*	67·04	2	7 51 49·91	...	+1·5303	−0·003	...
685	Lacaille 3097.....	5·5	68·10	2	7 52 5·30	...	+1·2582	−0·006	...
686	Lacaille 3081.....	4·8	64·69	2	7 52 17·22	...	+2·3916	+0·001	...
687	Puppis..... N	5·2	68·13	2	7 52 55·14	...	+1·9444	+0·001	...
688	3 Cancri.....	6·0	66·23	2	7 53 2·94	0·00	+3·4473	−0·009	−0·0022
689	4 Cancri.....	7·0†	66·97	1	7 53 35·05	0·00	+3·6320	−0·013	−0·0024
690	5 Cancri	6·4†	65·90	6	7 53 48·49	0·00	+3·4275	−0·009	−0·0018
691	28 Monocerotis.....	4·9	68·25	1	7 54 21·42	−0·01	+3·0512	−0·003	+0·0024
692	Lacaille 3105.....	Var.	65·47	3	7 54 21·53	...	+1·7272	−0·001	...
693	Lacaille 3103.....	5·2	68·29	1	7 54 42·47	...	+2·1245	+0·001	...
694‡	Geminorum..... χ	5·0	67·00	2	7 55 13·41	+0·01	+3·6995	−0·015	−0·0025
695	Lacaille 3118.....	6·6*	68·23	2	7 56 41·06	...	+2·1951	+0·001	...
696	8 Cancri.....	5·1	66·14	6	7 57 23·18	0·00	+3·3517	−0·008	−0·0024
697	9 Cancri.....	6·2	66·90	1	7 58 18·42	+0·01	+3·5661	−0·012	−0·0028
698	Lacaille 3144	6·4	68·12	1	7 58 22·46	...	+1·4067	−0·005	...
699	14 Puppis	6·7*	68·16	2	7 58 41·88	0·00	+2·6642	0·000	+0·0001
700†	Argûs ..... ζ	2·3	62·04	1	7 58 50·32	−0·01	+2·1106	+0·001	−0·0031

669. B.A.C. omits Flamsteed No.
683. *j* in C.G.A.; no letter in B.A.C.
694. 6 Cancri in B.A.C.

681. R Puppis in B.A.C.; J in C.G.A.
689. ω^2 in B.A.C.
697. μ^1 in B.A.C.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1890.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
666*	68·21	1	−24 34 35·86	*	−8·740	−0·33	*	1130*	10215	3911	2599
667	67·08	3	−72 16 51·94	0·00	−8·750	+0·10	0·00	3056	10203	3900	2607
668	68·17	1	−16 53 13·21	+0·34	−8·759	−0·35	−0·108	1129	10226	3918	2601
669*	64·61	2	−24 31 21·69	+0·01	−8·761	−0·33	+0·016	1132*	10225	3917	2602
670	66·97	2	−46 2 4·68	+0·04	−8·880	−0·24	−0·020	3022	10268	3934	2620
671	65·55	4	+27 6 44·35	+0·02	−8·888	−0·48	−0·028	1128	...	...	2617
672	68·18	2	−12 28 34·30	−0·05	−8·899	−0·36	+0·015	1133	10284	3943	2619
673	68·19	3	−56 8 0·31	...	−8·904	−0·16	...	3036	10277	3938	2623
674	66·11	3	−13 32 31·37	+0·37	−8·911	−0·36	−0·329	1134	10289	3945	2622
675	68·13	2	−56 4 13·88	...	−8·965	−0·17	...	3046	10301	3947	2626
676	68·23	1	−44 14 15·95	...	−8·981	−0·25	...	3033	10310	3954	2627
677	68·22	2	−40 13 45·51	−0·02	−9·072	−0·27	+0·007	3044	10343	3965	2634
678	68·18	1	−36 0 54·53	...	−9·113	−0·28	...	3052	10357	3970	2637
679	62·06	1	−49 15 47·47	...	−9·202	−0·22	...	3069	10390	3979	2642
680	66·24	10	+16 8 53·08	+0·03	−9·207	−0·44	−0·026	1138	...	...	2639
681*	67·18	1	−47 45 8·64	+0·03	−9·209	−0·23	−0·014	3068	10392	3981	2644
682	68·14	2	−29 55 34·38	...	−9·338	−0·31	...	3072	10447	3996	2651
683*	68·21	1	−22 31 18·08	−0·07	−9·342	−0·33	+0·023	1141	10450	3997	2652
684	67·04	2	−52 32 47·76	...	−9·402	−0·19	...	3088	10463	4002	...
685	68·10	2	−56 56 47·55	...	−9·422	−0·16	...	3097	10470	4004	2656
686	64·69	2	−29 58 23·27	...	−9·437	−0·30	...	3081	10482	4008	2655
687	68·13	2	−43 44 55·02	...	−9·486	−0·25	...	3089	10496	4015	2661
688	65·26	3	+17 40 33·51	0·00	−9·496	−0·44	+0·01	1143	...	...	2659
689*	66·97	3	+25 27 28·88	−0·03	−9·537	−0·46	+0·014	1144	...	...	2663
690	65·92	7	+16 49 28·73	0·00	−9·555	−0·44	+0·003	1146	...	...	2664
691	68·25	1	− 1 1 13·69	+0·22	−9·596	−0·39	−0·067	1151	10540	4032	2668
692*	65·88	4	−48 52 47·93	...	−9·598	−0·22	...	3105	10534	4029	2670
693	68·29	1	−38 55 42·40	...	−9·623	−0·27	...	3103	10546	4037	2671
694*	63·00	6	+28 10 11·73	−0·07	−9·663	−0·47	−0·034	1149	...	4052	2672
695	68·23	2	−36 54 38·09	...	−9·775	−0·27	...	3118	10626	4071	2685
696	65·96	7	+13 30 0·89	+0·06	−9·841	−0·42	−0·062	1156	...	...	2690
697*	66·93	9	+23 1 5·21	−0·01	−9·898	−0·45	+0·005	1157	...	...	2700
698	68·12	1	−55 4 43·72	...	−9·904	−0·17	...	3144	10675	4088	2709
699	68·16	2	−19 20 50·64	−0·12	−9·929	−0·33	+0·037	1163	10690	4096	2708
700	62·04	1	−39 37 32·36	+0·04	−9·939	−0·26	+0·012	3136	10691	4097	2710

666. Proper Motion in Dec. = $+\overset{''}{0}\cdot046$ or $-\overset{''}{0}\cdot059$.
d.

692. Limits of Magnitude 4·4–5·2. Period 2·25.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α.
					h m s	s	s	s	s
701	B.D.−3° No. 2207.	9·1†	65·95	4	7 59 16·03	...	+2·9945	−0·003	...
702	10 Cancri.....μ	5·3	66·70	8	7 59 49·01	0·00	+3·5394	−0·012	+0·0012
703	Lacaille 3141.....	7·5*	68·17	2	7 59 51·10	...	+2·3137	+0·002	...
704	Lacaille 3146.....	6·6*	...	...	8 0 32	...	+2·3158	+0·002	...
705	12 Cancri.....	6·5†	65·11	3	8 1 9·78	0·00	+3·3606	−0·008	−0·0008
706	Lalande 15930.....	5·1	68·23	1	8 1 20·54	...	+2·6483	0·000	...
707*	15 Argûs.....ρ	2·9	65·33	12	8 1 47·68	0·00	+2·5609	+0·001	−0·0073
708	29 Monocerotis.....	4·5	68·25	1	8 1 48·59	+0·01	+3·0199	−0·003	−0·0027
709	Lalande 15988.....	6·1*	68·29	1	8 3 17·94	...	+2·7459	0·000	...
710	16 Cancri AB.....ζ	5·0	66·51	21	8 4 28·08	0·00	+3·4451	−0·010	+0·0033
711	Lacaille 3181.....	5·9	68·20	3	8 5 8·06	...	+1·7901	0·000	...
712	Brisbane 1916.....	4·9	67·05	3	8 5 19·90	...	+1·8496	0·000	...
713†	Argûs .....γ	1·9	64·65	4	8 5 22·31	0·00	+1·8500	0·000	−0·0020
714	Lacaille 3183.....	6·8*	68·21	3	8 6 2·58	...	+2·2165	+0·002	...
715	Puppis.....h^1	4·3	68·16	3	8 6 32·05	...	+2·1430	+0·001	...
716*	20 Puppis.....	5·1	67·31	1	8 7 7·83	0·00	+2·7593	0·000	−0·0019
717	Lacaille 3199.....	7·3*	68·10	1	8 7 26·24	...	+2·2292	+0·002	...
718	Volantis.....ε	4·5	67·15	4	8 7 28·77	0·00	+0·2301	−0·036	0·000*
719	Puppis .....r	5·0	67·18	1	8 8 23·62	...	+2·2643	+0·002	...
720	Lacaille 3233.....	7·5*	68·16	1	8 9 6·63	...	+1·5308	−0·004	...
721	Puppis.....h^2	4·3	68·23	1	8 9 15·37	...	+2·1260	+0·002	...
722	21 Puppis.....	6·8*	68·27	2	8 11 11·74	0·00	+2·7526	0·000	−0·0008
723	19 Cancri .....λ	5·7	...	...	8 12 30	...	+3·5810	−0·014	−0·0024
724	Lacaille 3276.....	6·9*	68·23	3	8 14 56·45	...	+1·0469	0·000	...
725	20 Cancri.....d^1	5·9	65·09	5	8 15 37·87	0·00	+3·4490	−0·011	−0·0053
726	Lacaille 3291.....	6·9*	68·20	2	8 16 11·96	...	+1·6786	−0·002	...
727	Octantis .....A	7·8	64·36	26	8 17 7·37	−0·02	−38·352	−16·363	−0·029†
728	Lacaille 3283.....	5·7	68·17	3	8 17 7·61	...	+2·5352	+0·001	...
729	Lacaille 3300.....	6·9*	68·10	1	8 18 17·47	...	+2·2165	+0·002	...
730	Velorum.....B	4·8	67·12	3	8 18 22·60	...	+1·8472	0·000	...
731	24 Cancri (mass)...	6·3	...	...	8 18 38	...	+3·5843	−0·015	−0·0053
732*	Bradley 1197.....	3·9	68·25	1	8 18 54·88	+0·02	+3·0055	−0·003	−0·0053
733	Lacaille 3304.....	5·5	68·20	2	8 19 13·74	...	+2·5922	+0·001	...
734†	Argûs .....ε	1·7	63·45	4	8 19 44·44	−0·01	+1·2423	−0·009	−0·0040
735	29 Cancri	5·9	65·03	10	8 21 5·27	0·00	+3·3575	−0·010	−0·0028

702. μ^2 in B.A.C.
707. Fundamental Star for Southern Zones. 15 Navis ι in Auwers' Bradley, No. omitted in B.A.C. and letter in N.A.
708. ζ in C.G.A. 727. Letter A used at the Cape since 1836. 731. υ^1 in B.A.C.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ.	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
701	65·95	4	− 3 49 28·67	...	− 9·972	−0·38	...	...	...	...	...
702*	65·14	18	+21 58 15·70	+0·01	−10·014	−0·44	−0·059	1161	...	...	2714
703	68·17	2	−33 12 33·40	...	−10·016	−0·29	...	3141	10711	4104	2717
704	68·17	2	−33 11 6·67	...	−10·069	−0·29	...	3146	10728	4107	2719
705	64·03	3	+14 1 52·90	−0·02	−10·116	−0·42	−0·019	1165	...	...	2720
706	68·23	1	−20 9 58·72	...	−10·130	−0·33	...	...	10749	4122	2723
707*	63·94	17	−23 55 1·95	+0·06	−10·164	−0·32	+0·054	1170*	10763	4127	2728
708*	68·25	1	− 2 35 32·45	−0·06	−10·165	−0·38	+0·018	1168	10764	4128	2725
709	68·29	1	−15 51 18·70	...	−10·277	−0·34	...	...	10804	4143	2739
710	65·96	24	+18 3 7·75	+0·10	−10·364	−0·43	−0·104	1175	...	...	2744
711	68·20	3	−48 17 17·64	...	−10·414	−0·22	...	3181	10853	4158	2752
712	67·05	5	−46 56 55·85	...	−10·429	−0·23	...	...	10861	4162	2754
713	65·12	5	−46 56 24·44	0·00	−10·431	−0·23	−0·010	3185	10863	4163	2755
714	68·21	3	−36 53 33·66	...	−10·482	−0·27	...	3183	10884	4176	2758
715	68·16	3	−39 13 2·73	...	−10·519	−0·26	...	3191	10901	4188	2762
716	67·31	1	−15 22 59·94	−0·01	−10·563	−0·34	+0·006	1179	10925	4200	2769
717	68·10	1	−36 35 10·07	...	−10·586	−0·27	...	3199	10931	4204	2772
718	67·14	5	−68 13 13·90	0·00	−10·589	−0·02	0·00*	3242	10923	4196	2773
719	67·18	1	−35 29 36·43	...	−10·657	−0·28	...	3212	10963	4213	2774
720	68·16	1	−53 44 29·04	...	−10·710	−0·18	...	3233	10978	4219	2779
721	68·23	1	−39 56 14·16	...	−10·720	−0·26	...	3223	10984	4222	2780
722	68·27	2	−15 52 9·22	−0·01	−10·864	−0·33	+0·002	1184	11042	4240	2785
723	66·96	2	+24 26 41·12	+0·05	−10·959	−0·44	−0·028	1182	...	...	2789
724	68·23	3	−47 46 30·39	...	−11·136	−0·22	...	3276	11155	4282	2797
725	65·27	6	+18 45 47·27	+0·01	−11·188	−0·41	−0·022	1185	...	4290	2799
726	68·20	2	−51 31 3·99	...	−11·229	−0·20	...	3291	11193	4292	2808
727*	64·51	38	−88 28 20·39	0·00	−11·296	+ 4·627	+0·010†	3911	11013	4191	2878
728	68·17	3	−25 55 2·46	...	−11·297	−0·30	...	3283	11222	4308	2811
729	68·10	1	−37 51 8·85	...	−11·380	−0·26	...	3300	11245	4321	2820
730	67·12	4	−48 3 29·90	...	−11·387	−0·22	...	3308	11248	4319	2823
731*	66·94	3	+24 58 31·53	+0·16	−11·405	−0·43	−0·080	1193	...	...	2818
732	68·25	1	− 3 28 4·91	+0·04	−11·425	−0·36	−0·012	1197	11266	4333	2825
733	68·20	2	−23 36 35·73	...	−11·448	−0·31	...	3304	11277	4335	2827
734	64·21	5	−59 4 33·21	0·00	−11·484	−0·14	+0·005	3327	11285	4336	2832
735	65·03	9	+14 39 19·21	0·00	−11·581	−0·40	−0·005	1200	...	...	2836

727. Proper Motion determined at the Cape.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_a to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_a.
					h m s	s	s	s	s
736	Lacaille 3325.....	7·5*	68·26	1	8 21 50·83	...	+2·4117	+0·002	...
737	Chamæleontis..... α	4·1	67·06	4	8 21 57·99	−0·06	−1·4593	−0·145	+0·028*
738	31 Cancri..... θ	5·8	63·16	1	8 23 53·68	−0·01	+3·4351	−0·012	−0·0051
739	Lacaille 3362.....	7·0*	68·20	3	8 23 58·58	...	+1·5518	−0·003	...
740†	Chamæleontis..... θ	4·2	65·38	3	8 24 37·91	+0·02	−1·6216	−0·160	−0·0440
741‡	33 Cancri..... η	5·5	66·67	12	8 24 53·91	+0·01	+3·4839	−0·013	−0·0033
742	Piazzi VIII. 94.....	7·8*	68·14	3	8 25 19·41	...	+2·7001	0·000	...
743	Lalande 16913.....	8·7†	65·95	4	8 28 44·60	...	+2·8536	−0·001	...
744	36 Cancri..... c	5·9	64·74	4	8 29 46·63	0·00	+3·2615	−0·008	−0·0042
745	Lacaille 3423.....	7·3*	68·29	1	8 31 18·36	...	+2·5581	+0·002	...
746	Lacaille 3443.....	6·4*	68·21	3	8 31 50·16	...	+1·7930	0·000	...
747	Pyxidis..... η	5·1	68·23	2	8 32 6·19	...	+2·5632	+0·002	...
748	39 Cancri.....	7·0†	63·81	3	8 32 20·35	−0·01	+3·4651	−0·013	−0·0075
749*	6 Hydræ.....	5·2	68·18	4	8 33 37·72	+0·02	+2·8494	−0·001	−0·0078
750	Pyxidis..... ζ	4·9	68·13	1	8 34 6·28	...	+2·4903	+0·002	...
751	Lacaille 3456.....	6·7*	68·26	1	8 34 12·05	...	+2·3086	+0·003	...
752†	Pyxidis..... β	3·9	62·06	1	8 34 49·14	0·00	+2·3460	+0·003	−0·0001
753	43 Cancri..... γ	4·8	65·96	6	8 35 28·21	+0·01	+3·4916	−0·014	−0·0087
754	45 Cancri..... A^1	5·6	66·20	6	8 35 45·86	0·00	+3·3152	−0·010	−0·0012
755	Velorum..... b	3·7	65·79	4	8 36 8·95	...	+1·9902	+0·002	...
756	Argûs..... o	3·6	67·09	4	8 36 25·54	...	+1·7227	−0·001	...
757‡	47 Cancri..... δ	4·3	66·36	27	8 37 0·60	0·00	+3·4215	−0·012	−0·0020
758	50 Cancri..... A^2	5·8	65·26	1	8 39 31·91	0·00	+3·3014	−0·010	−0·0063
759‡	11 Hydræ AB..... ε	3·6	66·33	9	8 39 37·50	+0·02	+3·1964	−0·007	−0·0139
760	12 Hydræ.....	4·4	68·18	2	8 39 59·92	0·00	+2·8345	−0·001	+0·0005
761†	Argûs (mass)..... δ	2·0	67·11	2	8 40 58·57	0·00	+1·6561	−0·002	+0·0005
762†	Velorum..... a	4·0	67·23	2	8 41 27·08	+0·01	+2·0336	+0·002	−0·0025
763	14 Hydræ.....	5·1	68·17	1	8 42 34·59	+0·01	+3·0199	−0·004	−0·0036
764†	Pyxidis..... γ	4·3	68·26	1	8 44 48·12	+0·04	+2·5548	+0·002	−0·0117
765*	15 Hydræ	5·5	68·14	1	8 44 56·43	+0·01	+2·9544	−0·002	−0·0046
766†	Chamæleontis..... η	5·7	67·03	4	8 45 50·23	+0·03	−1·8405	−0·216	−0·0170
767	B.D.−16° No. 2621	9·4†	65·94	4	8 46 57·64	...	+2·7814	0·000	...
768	Lacaille 3594.....	5·7	68·21	3	8 48 9·82	...	+1·5356	−0·004	...
769	60 Cancri	5·7	63·31	1	8 48 33·14	0·00	+3·2853	−0·010	−0·0019
770	17 Hydræ (8*).....	7*	...	...	8 48 52	...	+2·9425	−0·002	−0·0017

744. c^1 in B.A.C.
746. E Velorum in B.A.C.
747. *g* Mali in B.A.C.
750. *f* Mali in B.A.C.
752. *b* Mali in B.A.C.
764. *c* Mali in B.A.C.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ.	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
736	68·26	1	−31 13 45·34	...	−11·635	−0·28	...	3325	11350	4363	2843
737	67·06	4	−76 29 29·89	−0·25	−11·644	+0·18	+0·12*	3400	11334	4351	2849
738	63·16	2	+18 32 54·28	−0·09	−11·781	−0·40	−0·050	1203	...	...	2853
739	68·20	3	−54 33 54·09	...	−11·787	−0·18	...	3362	11404	4395	2858
740	65·38	3	−77 2 51·14	−0·01	−11·833	+0·20	+0·020	3435	11405	4389	2870
741	65·17	41	+20 53 50·52	+0·01	−11·852	−0·41	−0·036	1207	...	4411	2862
742	68·14	3	−19 3 5·28	...	−11·881	−0·31	...	...	11443	...	...
743	65·95	4	−11 35 29·71	...	−12·122	−0·33	...	...	...	...	...
744*	64·74	4	+10 7 20·83	0·00	−12·194	−0·37	−0·011	1213	...	...	2897
745	68·29	1	−25 56 49·55	...	−12·299	−0·29	...	3423	11603	4493	2910
746*	68·21	3	−50 30 9·08	...	−12·336	−0·20	...	3443	11614	4496	2915
747*	68·23	2	−25 47 1·90	...	−12·354	−0·29	...	3431	11627	4506	2916
748	63·81	3	+20 28 55·52	+0·02	−12·370	−0·39	+0·018	1222	...	...	2917
749	68·19	3	−12 0 0·79	−0·04	−12·459	−0·32	+0·013	1229	11678	4525	2929
750*	68·13	1	−29 4 56·20	...	−12·491	−0·28	...	3450	11696	4529	2932
751	68·26	1	−36 7 59·53	...	−12·498	−0·26	...	3456	11698	4530	2933
752*	62·06	1	−34 49 50·01	−0·07	−12·540	−0·26	−0·024	3462	11714	4538	2935
753	67·17	6	+21 57 4·54	+0·07	−12·585	−0·39	−0·033	1230	...	4546	2937
754	66·20	6	+13 9 45·51	+0·01	−12·605	−0·37	−0·010	1232	...	...	2942
755	66·04	5	−46 10 11·49	...	−12·631	−0·22	...	3470	11755	4551	2947
756	67·09	4	−52 26 37·07	...	−12·650	−0·19	...	3482	11760	4555	2950
757	66·12	34	+18 38 53·38	+0·25	−12·690	−0·38	−0·221	1236	...	...	2953
758	65·26	1	+12 36 12·74	+0·01	−12·860	−0·36	−0·034	1242	...	...	2970
759	63·67	18	+ 6 54 42·56	−0·05	−12·867	−0·35	−0·041	1243	...	4610	2971
760	68·18	2	−13 3 21·54	+0·03	−12·891	−0·31	−0·009	1244	11866	4613	2975
761	67·11	2	−54 12 53·40	+0·20	−12·957	−0·18	−0·094	3532	11887	4627	2979
762	67·23	2	−45 32 57·55	−0·02	−12·988	−0·22	+0·008	3526	11900	4632	2981
763	68·16	2	− 2 56 38·16	+0·06	−13·064	−0·33	−0·019	1249	11946	4660	2987
764*	68·26	1	−27 12 38·34	−0·27	−13·210	−0·28	+0·082	3553	12006	4685	3010
765	68·14	1	− 6 40 24·24	−0·06	−13·219	−0·32	+0·018	1256	12012	4688	3011
766	67·03	3	−78 28 19·14	−0·04	−13·278	+0·21	+0·019	3623	12016	4684	3023
767	65·94	4	−16 14 39·22	...	−13·352	−0·30	...	...	...	...	...
768	68·21	3	−57 7 34·73	...	−13·430	−0·16	...	3594	12090	4717	3036
769	63·31	2	+12 8 23·92	−0·01	−13·455	−0·35	−0·005	1262	...	...	3035
770	68·16	2	− 7 27 23·52	+0·03	−13·476	−0·31	−0·010	1264	12116	4731	3037

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
771	63 Cancri.....o^2	5·6	69·19	2	8 50 2·73	−0·01	+3·3565	−0·012	+0·0031
772‡	65 Cancri..... α	4·3	65·35	32	8 51 6·11	0·00	+3·2874	−0·010	+0·0013
773*	Piazzi VIII. 227....	5·9	68·14	1	8 52 23·75	−0·04	+2·7991	0·000	+0·0120
774	Lacaille 3619.....	6·8*	68·26	1	8 53 31·95	...	+2·5492	+0·003	...
775	Lacaille 3652.....	6·6	68·21	3	8 57 14·13	...	+2·6264	+0·002	...
776†	Velorum..... c	3·7	66·04	5	8 59 30·11	+0·01	+2·0714	+0·004	−0·0082
777†	Volantis..... α	4·1	65·83	4	9 0 18·35	0·00	+0·9655	−0·021	−0·0041
778	76 Cancri..... κ	5·0	65·08	23	9 0 26·00	0·00	+3·2591	−0·009	−0·0028
779	77 Cancri..... ξ	5·2	70·20	1	9 1 35·61	+0·01	+3·4625	−0·016	−0·0011
780*	19 Hydræ.....	5·5	68·13	3	9 2 5·79	+0·01	+2·9397	−0·002	−0·0027
781	Pyxidis..... κ	4·8	68·25	3	9 2 7·35	...	+2·6290	+0·003	...
782†	Argûs..... λ	2·1	67·24	2	9 3 1·91	+0·01	+2·2055	+0·004	−0·0052
783	Lacaille 3698	7·0*	68·29	1	9 3 50·10	...	+2·6336	+0·003	...
784	Pyxidis..... e	5·4	67·31	1	9 4 13·31	...	+2·5402	+0·004	...
785†	Carinæ..... α	4·5	67·16	2	9 4 46·10	+0·03	+0·2130	−0·061	−0·015
786	21 Hydræ.....	6·1	68·17	1	9 5 46·00	+0·01	+2·9661	−0·002	−0·0026
787	Carinæ.....a	3·5	67·08	3	9 7 24·87	...	+1·5848	−0·002	...
788	82 Cancri..... π	5·6	66·59	7	9 7 46·50	0·00	+3·3252	−0·012	−0·0029
789	Carinæ..... i	4·2	67·23	2	9 8 12·45	+0·03	+1·3755	−0·008	−0·015*
790	Velorum..... z	5·3	68·25	1	9 9 22·33	...	+2·2370	+0·005	...
791	23 Hydræ.....	5·4	68·09	1	9 9 59·53	+0·01	+2·9804	−0·002	−0·0022
792	Velorum l	4·8	67·11	2	9 10 17·39	...	+2·3670	+0·005	...
793	Lacaille 3762.....	5·2	68·20	2	9 10 17·67	...	+1·7833	+0·001	...
794	Velorum..... k	4·7	68·26	1	9 10 20·89	...	+2·3961	+0·005	...
795‡	83 Cancri.....	6·6	66·71	14	9 11 26·58	+0·02	+3·3683	−0·013	−0·0090
796†	Argûs..... β	1·7	69·10	18	9 11 42·20	+0·13	+0·7177	−0·035	−0·0316
797	26 Hydræ.....	4·9	68·25	1	9 13 16·29	+0·01	+2·8927	−0·001	−0·0027
798†	Argûs..... ι	2·2	64·79	19	9 13 28·49	0·00	+1·6103	−0·002	−0·0051
799	Velorum..... K	5·3	67·09	3	9 13 36·51	...	+1·9958	+0·004	...
800	27 Hydræ.....	4·9	68·17	1	9 13 53·38	+0·01	+2·9319	−0·001	−0·0016
801*	Pyxidis..... θ	4·9	67·04	4	9 15 30·90	+0·01	+2·6547	+0·003	−0·0031
802	Octantis ..... ζ	5·5	66·16	9	9 15 39·34	+0·13	−7·2141	−1·502	−0·108†
803	Lacaille 3808.....	6·4*	68·26	2	9 17 28·41	...	+2·1868	+0·006	...
804	Lacaille 3813.....	5·7	68·24	1	9 17 43·35	...	+1·8329	+0·002	...
805*	30 Hydræ..... α	2·0	65·24	33	9 20 57·21	+0·01	+2·9507	−0·002	−0·0022

784. e Mali in B.A.C.
788. π^2 in B.A.C.
794. k^2 in B.A.C.
800. P in C.G.A.
801. Fundamental Star for Southern Zones. h Mali in B.A.C.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
771	69·19	2	+16 5 50·81	−0·15	−13·551	−0·36	+0·036	1266	...	...	3052
772	65·32	38	+12 22 41·77	+0·01	−13·620	−0·35	−0·021	1269	...	4752	3055
773	68·14	1	−15 37 8·82	−0·60	−13·703	−0·29	+0·190	...	12192	4765	3065
774	68·26	1	−28 17 1·05	...	−13·775	−0·26	...	3619	12223	4772	3070
775	68·21	3	−24 58 19·96	...	−14·009	−0·27	...	3652	12325	4813	3096
776	66·04	5	−46 33 41·22	+0·02	−14·150	−0·21	−0·019	3677	12372	4830	3110
777	66·08	5	−65 51 28·31	+0·12	−14·200	−0·09	−0·108	3696	12378	4831	3114
778	65·13	25	+11 12 34·32	0·00	−14·208	−0·33	+0·009	1287	...	4839	3111
779	70·20	1	+22 35 19·91	−0·13	−14·280	−0·35	+0·025	1289	...	4847	3117
780	68·13	3	− 8 2 41·65	0·00	−14·310	−0·29	+0·001	1292	12417	4851	3120
781	68·25	3	−25 18 54 96	...	−14·312	−0·26	...	3685	12415	4850	3121
782	67·25	3	−42 53 20·40	−0·02	−14·368	−0·22	+0·010	3699	12438	4860	3126
783	68·29	1	−25 15 23·40	...	−14·416	−0·26	...	3698	12460	4868	3127
784*	67·31	1	−29 48 57·43	...	−14·440	−0·25	...	3702	12466	4874	3130
785	67·13	3	−72 3 34·46	−0·01	−14·473	−0·01	+0·007	3736	12472	4872	3136
786	68·17	1	− 6 33 29·59	−0·15	−14·533	−0·29	+0·047	1301	12508	4888	3137
787	67·08	3	−58 24 53·87	...	−14·633	−0·15	...	3738	12535	4898	3149
788*	67·03	8	+15 29 58·02	−0·04	−14·653	−0·33	+0·020	1304	...	...	3147
789	67·23	2	−61 45 50·14	0·00	−14·680	−0·13	0·00*	3753	12557	4910	3152
790	68·25	1	−42 40 10·07	...	−14·749	−0·21	...	3749	12593	4926	3156
791	68·09	1	− 5 47 29·11	−0·06	−14·786	−0·29	+0·021	1307	12608	4934	3160
792	67·16	3	−38 0 30·45	...	−14·803	−0·23	...	3756	12617	4938	3163
793	68·20	2	−55 0 41·16	...	−14·804	−0·17	...	3762	12613	4936	3167
794*	68·26	1	−36 52 4·63	...	−14·807	−0·23	...	3755	12620	4940	3165
795	65·64	28	+18 16 33·14	+0·07	−14·872	−0·32	−0·115	1309	...	4956	3171
796	67·56	24	−69 9 40·92	−0·24	−14·886	−0·06	+0·093	3791	12636	4949	3177
797	68·25	1	−11 24 23·97	−0·08	−14·978	−0·27	+0·024	1314	12673	4971	3184
798	64·94	18	−58 42 35·52	0·00	−14·989	−0·15	0·000	3792	12672	4968	3186
799	67·09	3	−50 29 4·10	...	−14·998	−0·19	...	3786	12676	4973	3187
800*	68·17	1	− 8 59 6·79	+0·02	−15·014	−0·28	−0·007	1317	12687	4978	3188
801*	67·04	5	−25 23 32·11	+0·01	−15·108	−0·25	−0·007	3793	12728	4996	3195
802*	66·77	10	−85 7 3·30	−0·07	−15·116	+0·70	+0·042†	3953	12688	4967	3211
803	68·26	2	−45 28 21·13	...	−15·220	−0·20	...	3808	12776	5013	3208
804	68·24	1	−54 56 32·42	...	−15·234	−0·17	...	3813	12785	5017	3210
805	63·85	84	− 8 4 30·37	+0·05	−15·416	−0·27	+0·041	1330	12862	5055	3223

802. Proper Motion determined at the Cape.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
806	2 Leonis..... ω	5·6	63·56	4	9 21 13·57	0·00	+3·2171	−0·009	+0·0024
807	31 Hydræ..... τ^1	4·9	68·21	2	9 22 17·84	−0·03	+3·0397	−0·004	+0·0079
808	5 Leonis..... ξ	5·2	64 14	2	9 24 40·02	−0·01	+3·2487	−0·010	−0·0076
809	6 Leonis..... h	5·4	65·60	11	9 24 43·26	0·00	+3·2245	−0·009	−0·0005
810*	32 Hydræ..... τ^2	4·6	68·09	1	9 25 5·90	+0·01	+3·0634	−0·004	−0·0019
811†	Argûs (mass)..... ψ	3·5	65·82	3	9 25 23·17	+0·02	+2·3743	+0·006	−0·0192
812	Antliæ 2	6·0	68·23	3	9 25 45·86	...	+2·5657	+0·005	...
813	Lacaille 3922.....	7*	68·33	1	9 26 29·63	...	+0·6346	−0·044	...
814†	Velorum..... κ	Var.	67·03	4	9 27 7·36	+0·01	+1·8252	+0·003	−0·0064
815	33 Hydræ..... A	5·7	68·28	4	9 27 48·52	0·00	+2·9954	−0·002	−0·0015
816	1 Sextantis.....	5·9	63·99	4	9 30 4·98	−0·01	+3·1783	−0·008	−0·0058
817†	Carinæ..... h	4·2	67·08	5	9 30 31·77	+0·01	+1·7410	+0·001	−0·0032
818†	Carinæ..... H	5·5	68·23	1	9 30 34·35	+0·03	+0·5017	−0·055	−0·009
819†	Velorum..... M	4·4	67·06	5	9 31 59·88	+0·02	+2·1544	+0·007	−0·012
820	35 Hydræ..... t	4·2	68·26	1	9 32 57·74	0·00	+3·0646	−0·004	+0·0015
821*	38 Hydræ..... κ	4·9	68·23	2	9 33 50·14	+0·01	+2·8777	+0·001	−0·0032
822‡	14 Leonis..... o	3·8	65·32	26	9 33 56·62	0·00	+3·2196	−0·009	−0·0107
823	Carinæ..... m	4·6	62·06	1	9 35 36·73	...	+1·6673	0·000	...
824	C.G.A. 13221.....	7*	68·33	1	9 35 53·98	...	+1·2850	−0·013	...
825	16 Leonis..... ψ	5·7	69·88	4	9 36 22·65	0·00	+3·2768	−0·011	−0·0009
826	Lacaille 3990	5·4	68·29	1	9 36 33·18	...	+1·8486	+0·004	...
827	Chamæleontis..... ζ	5·2	...	...	9 37 45	...	−1·4934	−0·284	...
828†	Antliæ..... θ	4·9	68·34	1	9 38 11·03	+0·01	+2·6742	+0·005	−0·0036
829‡	17 Leonis..... e	3·1	66·14	7	9 38 10·94	0·00	+3·4238	−0·018	−0·0043
830	B.D.+7° No. 2181..	6·0	65·26	2	9 39 2·67	...	+3·1712	−0·008	...
831	18 Leonis.....	6·1	64·45	8	9 39 6·82	0·00	+3·2420	−0·010	−0·0016
832	Lacaille 3997.....	6·7*	68·36	1	9 39 25·75	...	+2·6351	+0·006	...
833	3 Sextantis.....	6·8*	68·25	3	9 41 30·33	+0·02	+2·9839	−0·002	−0·0049
834	4 Sextantis.....	6·7†	63·99	1	9 43 28·55	−0·01	+3·1374	−0·006	−0·0094
835	Lacaille 4049.....	6·7*	68·33	1	9 44 13·91	...	+1·9742	+0·007	...
836	39 Hydræ..... υ^1	4·3	68·29	1	9 44 59·14	0·00	+2·8838	+0·002	−0·0009
837	8 Sextantis.....	5·3	68·26	3	9 45 49·56	+0·02	+2·9752	−0·001	−0·0049
838	Lacaille 4056.....	6·3	68·36	1	9 46 55·25	+0·08	+2·7032	+0·006	−0·0250*
839	Lacaille 4072.....	6·9*	68·26	2	9 50 17·20	...	+2·6504	+0·007	...
840	27 Leonis..... ν	5·3	68·89	10	9 50 57·47	+0·01	+3·2380	−0·011	−0·0034

815. B.A.C. and C.G.A. give no letter.
816. 10 Leonis in B.A.C.
837. γ in C.G.A.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
806	63·44	5	+ 9 38 34·71	+0·03	−15·432	−0·29	+0·018	1328	...	...	3227
807	68·21	2	− 2 10 50·08	+0·01	−15·492	−0·28	−0·004	1334	12897	5075	3237
808	64·14	2	+11 53 45·43	−0·05	−15·622	−0·29	−0·060	1338	...	5114	3250
809	65·60	11	−10 18 33·25	−0·01	−15·625	−0·29	+0·009	1339	...	...	3251
810	68·09	1	− 0 35 24·56	−0·01	−15·646	−0·27	+0·002	1341	12981	5121	3253
811	65·82	3	−39 52 36·94	−0·07	−15·662	−0·21	+0·083	3885	12989	5124	3257
812	68·23	3	−31 16 41·36	...	−15·683	−0·23	...	3884	13001	5130	3262
813	68·33	1	−71 11 31·14	...	−15·723	−0·05	...	3922	13010	5133	3266
814*	67·03	4	−56 26 22·83	−0·02	−15·756	−0·16	+0·010	3910	13030	5143	3269
815*	68·28	4	− 5 18 49·91	+0·09	−15·794	−0·26	−0·027	1344	13050	5150	3271
816*	63·99	4	+ 7 26 21·37	+0·02	−15·915	−0·28	+0·019	1349	...	...	3286
817	67·08	5	−58 37 43·17	−0·02	−15·939	−0·15	+0·010	3949	13112	5179	3289
818	68·23	1	−72 28 59·74	0·00	−15·941	−0·04	0·00	3968	13107	5174	3291
819	67·06	5	−48 45 4·62	−0·06	−16·017	−0·18	+0·03	3952	13145	5203	3300
820	68·26	1	− 0 31 53·78	+0·21	−16·068	−0·26	−0·063	1356	13164	5216	3303
821	68·23	2	−13 43 16·44	+0·01	−16·113	−0·24	−0·002	1362	13184	5225	3311
822	65·33	29	+10 30 17·35	+0·01	−16·119	−0·27	−0·021	1360	...	5227	3312
823	62·06	1	−60 43 4·85	...	−16·205	−0·14	...	3987	13217	5240	3320
824	68·33	1	−66 14 59·44	...	−16·220	−0·10	...	...	13221	5241	3322
825	69·88	4	+14 38 16·02	+0·01	−16·244	−0·27	−0·002	1366	...	...	3321
826	68·29	1	−57 22 15·15	...	−16·253	−0·15	...	3990	13234	5247	3326
827	68·25	2	−80 20 0·71	...	−16·314	+0·14	...	4048	13246	5252	3334
828	68·34	1	−27 9 11·35	−0·11	−16·337	−0·22	+0·032	3991	13265	5261	3332
829	64·00	6	+24 23 39·45	−0·01	−16·337	−0·28	−0·005	1368	...	5263	3331
830	64·21	3	+ 7 19 48·87	...	−16·380	−0·26	...	...	...	...	3336
831	64·45	8	+12 25 49·69	+0·02	−16·384	−0·27	+0·029	1370	...	...	3337
832	68·36	1	−29 34 58·39	...	−16·400	−0·21	...	3997	13289	5272	3340
833	68·25	3	− 6 37 13·42	+0·02	−16·503	−0·24	−0·005	1376	13342	5293	3349
834	63·99	1	+ 4 58 27·33	−0·03	−16·601	−0·25	−0·028	1380	...	...	3359
835	68·33	1	−55 47 4·35	...	−16·638	−0·15	...	4049	13403	5316	3369
836	68·29	1	−14 12 54·35	+0·05	−16·674	−0·23	−0·015	1388	13425	5328	3372
837*	68·26	3	− 7 28 13·84	+0·09	−16·716	−0·23	−0·027	1389	13448	5336	3378
838	68·36	1	−26 42 6·84	−0·13	−16·768	−0·21	+0·040*	4056	13464	5350	3385
839	68·26	2	−30 27 4·33	...	−16·928	−0·20	...	4072	13550	5382	3403
840	68·89	10	+13 5 13·92	+0·02	−16·959	−0·25	−0·004	1395	...	...	3406

814. Limits of Magnitude 3·4–4·4. Short period.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
841‡	29 Leonis..... π	5·0	66·00	11	9 53 4·69	0·00	+3·1795	−0·008	−0·0034
842†	Antliæ..... η	5·3	68·29	1	9 53 4·83	+0·03	+2·5751	+0·008	−0·0097
843	Lacaille 4112.....	7·8*	68·34	2	9 54 57·10	...	+1·7849	+0·004	...
844	Piazzi IX. 232.....	7·5*	68·29	2	9 56 0·48	...	+2·9175	+0·001	...
845	B.D. + 16° No. 2075	9·5†	61·19	6	9 58 7·94	...	+3·2762	−0·013	...
846*	40 Hydræ..... ν^2	4·7	68·25	2	9 58 33·15	+0·01	+2·9233	+0·001	−0·0035
847	14 Sextantis.....	6·9†	64·14	1	9 59 43·80	0·00	+3·1456	−0·007	−0·0047
848	31 Leonis..... A	4·6	65·43	9	10 0 44·31	0·00	+3·1972	−0·009	−0·0082
849	Lacaille 4158.....	5·2	68·23	1	10 0 50·59	...	+2·3669	+0·011	...
850‡	32 Leonis..... α	1·4	66·55	20	10 1 10·78	+0·03	+3·2205	−0·010	−0·0178
851	C.G.A. 13804.....	7·5*	68·27	1	10 1 27·08	...	+1·9027	+0·008	...
852	C.G.A. 13822.....	8·5*	67·03	3	10 2 34·04	...	+2·6869	+0·008	...
853	C.G.A. 13823.....	7·5*	68·23	1	10 2 43·84	...	+1·9124	+0·008	...
854	17 Sextantis.....	6·2*	68·20	3	10 3 25·14	+0·01	+2·9835	0·000	−0·0017
855	Bradley 1414.....	6·3*	68·22	1	10 4 33·24	−0·01	+2·9968	−0·001	+0·003
856	Lacaille 4196.....	6·7*	68·36	1	10 7 26·92	+0·10	+2·6723	+0·009	−0·03c0*
857	Lacaille 4202.....	6·0	68·32	1	10 8 1·36	...	+2·5514	+0·011	...
858	Lacaille 4215.....	7·3*	68·27	1	10 8 31·43	...	+2·1483	+0·013	...
859	37 Leonis.....	5·9	70·35	1	10 9 25·80	+0·02	+3·2313	−0·011	−0·0033
860†	Argûs..... ω	3·6	67·15	2	10 10 31·43	+0·01	+1·4397	−0·007	−0·0040
861*	22 Sextantis.....	5·4	68·23	4	10 10 55·30	+0·04	+2·9925	0·000	−0·0120
862	Lacaille 4234.....	5·5	68·22	1	10 11 56·56	...	+2·7448	+0·008	...
863	41 Leonis *pr*..... γ	2·4	66·05	41	10 12 31·61	−0·02	+3·2983	−0·015	+0·0208
864	Carinæ..... q	Var.	67·31	1	10 12 35·03	...	+1·9979	+0·011	...
865	Lacaille 4263.....	4·5	67·42	1	10 14 32·83	...	+2·2441	+0·014	...
866	Lacaille 4268.....	6·3*	68·28	2	10 14 54·09	...	+1·8586	+0·009	...
867	Velorum..... J	4·4	67·02	2	10 15 53·74	0·00	+2·2227	+0·014	0·000*
868	43 Leonis.....	6·5†	64·16	5	10 15 56·58	0·00	+3·1464	−0·007	−0·0028
869	Velorum..... τ	4·9	67·08	3	10 16 32·47	+0·01	+2·5655	+0·013	−0·007*
870	Lalande 20156.....	6·8*	68·32	1	10 16 42·45	...	+3·0419	−0·002	...
871	44 Leonis.....	6·2	65·24	3	10 18 8·06	0·00	+3·1679	−0·008	0·000
872	Bradley 1447.....	6·0	68·27	2	10 18 59·53	+0·04	+3·0083	0·000	−0·0114
873	Bradley 1449.....	6·9*	68·29	1	10 19 31·51	+0·02	+3·0150	0·000	−0·0054
874	26 Sextantis.....	6·8*	68·34	1	10 19 43·30	+0·01	+3·0690	−0·003	−0·0034
875	45 Leonis.....	5·9	64·74	6	10 20 31·07	0·00	+3·1758	−0·009	−0·0011

861. ϵ in C.G.A.
865. ν Velorum in B.A.C.
867. τ Velorum in B.A.C.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
841	64·23	47	+ 8 41 26·17	0·00	−17·058	−0·24	−0·006	1398	...	5411	3415
842	68·29	1	−35 14 45·67	+0·07	−17·058	−0·19	−0·021	4095	13618	5410	3417
843	68·34	2	−61 40 18·66	...	−17·143	−0·13	...	4112	13655	5420	3424
844	68·29	2	−12 38 50·31	...	−17·191	−0·21	...	...	13686	5431	3428
845	61·19	6	−16 45 15·02	...	−17·286	−0·23	...	...	...	...	...
846	68·25	2	−12 24 40·31	−0·11	−17·305	−0·21	+0·033	1402	13743	5462	3444
847	64·14	1	+ 6 16 6·59	+0·02	−17·357	−0·22	+0·018	1404	...	...	3449
848	65·11	11	+10 39 28·05	0·00	−17·400	−0·23	−0·038	1405	...	...	3457
849	68·23	1	−46 42 41·01	...	−17·405	−0·16	...	4158	13797	5486	3461
850	64·62	125	+12 37 32·68	+0·01	−17·420	−0·23	+0·014	1406	...	5490	3459
851	68·27	1	−60 30 57·11	...	−17·431	−0·13	...	...	13804	...	...
852	67·03	3	−30 26 32·19	...	−17·480	−0·18	...	...	13822	...	...
853	68·23	1	−60 33 18·68	...	−17·487	−0·13	...	...	13823	5500	3467
854	68·20	3	− 7 44 46·58	−0·11	−17·516	−0·21	+0·033	1410	13838	5502	3470
855	68·22	1	− 6 39 8·68	−0·02	−17·564	−0·20	+0·005	1414	13871	5522	3476
856	68·36	1	−32 21 59·57	−0·10	−17·685	−0·18	+0·030*	4196	13935	5559	3494
857	68·32	1	−39 40 42·21	...	−17·708	−0·17	...	4202	13941	5562	3497
858	68·27	1	−55 55 6·50	...	−17·729	−0·14	...	4215	13951	5570	3504
859	70·35	1	+14 23 59·84	+0·13	−17·766	−0·21	−0·025	1426	...	...	3510
860	67·15	2	−69 22 5·33	−0·02	−17·810	−0·09	+0·007	4243	14008	5593	3516
861*	68·24	5	− 7 23 44·64	−0·08	−17·826	−0·19	+0·024	1428	14031	5607	3517
862	68·22	1	−28 19 4·76	...	−17·867	−0·17	...	4234	14045	5613	3521
863	63·37	30	+20 31 23·66	−0·22	−17·890	−0·21	−0·136	1432	...	5620	3523
864*	67·31	1	−60 39 30·09	...	−17·892	−0·12	...	4249	14054	5617	3526
865*	67·42	1	−54 21 8·32	...	−17·970	−0·14	...	4263	14105	5636	3536
866	68·28	2	−63 59 57·63	...	−17·983	−0·11	...	4268	14115	5639	3541
867*	67·02	2	−55 21 50·64	0·00	−18·022	−0·13	0·00*	4272	14145	5655	3546
868	64·16	5	+ 7 13 38·58	−0·08	−18·024	−0·19	−0·091	1441	...	...	3544
869	67·08	3	−40 58 17·23	−0·15	−18·046	−0·16	+0·07*	4271	14156	5662	3552
870	68·32	1	− 2 57 41·35	...	−18·052	−0·19	...	...	14165	5667	3553
871	65·24	3	+ 9 28 12·93	0·00	−18·107	−0·19	−0·02	...	...	...	3561
872	68·27	2	− 6 22 47·53	−0·45	−18·139	−0·18	+0·139	1447	14225	5689	3563
873	68·29	1	− 5 44 30·18	−0·09	−18·158	−0·19	+0·027	1449	14235	5696	3566
874	68·34	1	− 0 18 10·50	−0·06	−18·166	−0·18	+0·017	1450	14241	5698	3570
875	64·37	9	+10 26 58·99	+0·01	−18·195	−0·19	+0·015	1453	...	...	3575

864. Suspected Variable; $3^m \cdot 3$–$4^m \cdot 5$ in *Uranometria Argentina.*

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
876†	Antliæ..... α	4·2	67·18	1	10 20 58·52	+0·02	+2·7437	+0·010	−0·0079
877†	Carinæ..... 1	Var.	67·34	4	10 21 42·37	+0·02	+1·2135	−0·021	−0·0092
878	Lalande 20312.....	8·7†	61·18	6	10 21 48·21	...	+3·1727	−0·008	...
879	Bradley 1456.....	6·4*	68·22	1	10 21 53·46	0·00	+3·0425	−0·001	−0·0008
880	B.D. + 10° No. 2161.	9·2†	61·27	4	10 22 5·55	...	+3·1694	−0·008	...
881	Lacaille 4313.....	7·3*	68·27	1	10 22 59·02	...	+2·2421	+0·016	...
882	Lacaille 4321.....	6·1	67·07	2	10 23 10·12	...	+1·8959	+0·011	...
883	30 Sextantis.....	4·9	63·42	3	10 23 23·36	0·00	+3·0726	−0·003	−0·0032
884*	Bradley 1462.....	6·4	68·36	1	10 24 13·26	+0·01	+3·0059	0·000	−0·0041
885‡	47 Leonis..... ρ	4·0	67·00	12	10 25 42·07	0·00	+3·1663	−0·008	−0·0015
886	43 Hydræ.....	8·3*	68·27	2	10 26 7·24	+0·02	+2·9167	+0·004	−0·0050*
887	48 Leonis.....	5·2	63·39	1	10 27 45·38	−0·01	+3·1424	−0·007	−0·0086
888	Bradley 1472.....	6·0	68·31	2	10 28 32·28	+0·04	+2·8571	+0·007	−0·0106
889	Bradley 1474.....	6·6*	68·22	1	10 29 41·28	+0·01	+2·9283	+0·004	−0·0043
890	Hydræ (υ).....	Var.	68·36	1	10 30 53·32	...	+2·9579	+0·003	...
891*	Hydræ 24 H..... φ	5·2	68·27	2	10 32 0·24	+0·03	+2·9268	+0·005	−0·0092
892	Lacaille 4390.....	6·6*	68·26	2	10 32 47·98	...	+2·3203	+0·019	...
893	Carinæ..... t^2	4·7	67·05	1	10 33 36·81	0·00	+2·2696	+0·019	0·000*
894	Lacaille 4405.....	7·4*	68·23	1	10 33 39·63	...	+2·0483	+0·017	...
895†	Chamæleontis..... γ	4·1	67·12	4	10 33 50·60	+0·04	+0·7806	−0·065	−0·0172
896*	33 Sextantis.....	6·2	65·23	2	10 34 32·12	0·00	+3·0633	−0·002	−0·0110
897	34 Sextantis.....	7·7†	64·51	6	10 35 39·27	0·00	+3·1081	−0·005	−0·0090
898	Bradley 1489.....	6·9*	68·22	1	10 36 24·07	+0·01	+2·8711	+0·008	−0·0019
899	Lacaille 4415.....	5·9	68·29	1	10 36 27·82	...	+2·7741	+0·012	...
900	36 Sextantis.....	6·5†	63·42	3	10 38 12·05	−0·01	+3·0981	−0·004	−0·0053
901†	Argûs..... η	Var.	66·42	36	10 39 49·92	0·00	+2·3100	+0·022	−0·0015
902	Hydræ..... b^1	5·4	68·34	2	10 40 15·35	+0·01	+2·9363	+0·005	−0·0026
903†	Argûs..... μ	2·8	67·18	1	10 40 58·14	−0·01	+2·5573	+0·019	+0·0052
904	Lacaille 4464.....	6·4	68·25	1	10 41 6·10	...	+2·2939	+0·022	...
905‡	53 Leonis..... l	5·3	67·50	10	10 42 9·56	0·00	+3·1608	−0·008	−0·0081
906	Chamæleontis..... δ^1	5·5	67·15	4	10 43 56·73	...	+0·6618	−0·090	...
907	Lalande 20889.....	8·0†	61·26	4	10 44 15·21	...	+3·0980	−0·004	...
908†	Chamæleontis..... δ^2	4·6	67·40	3	10 44 28·94	+0·05	+0·6609	−0·090	−0·0197
909	Bradley 1507.....	6·8*	68·29	1	10 44 29·85	+0·01	+2·9347	+0·006	−0·0040
910	Lacaille 4500.....	7·5*	68·23	1	10 46 22·49	...	+2·4818	+0·023	...

886. ϕ^1 in B.A.C.
889. ϕ^2 in B.A.C.
891. ϕ^3 in B.A.C.
909. b^2 Hydræ in B.A.C. and C.G.A.; Auwers' Bradley 1513 is b^3.

No.	Mean Date 1860+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
876	64·70	2	−30 22 53·04	0·00	−18·212	−0·16	+0·010	4298	14266	5714	3578
877*	67·34	4	−73 20 42·00	+0·05	−18·239	−0·07	−0·022	4319	14276	5717	3585
878	61·18	6	+10 15 17·88	...	−18·242	−0·18	...	...	...	...	...
879	68·22	1	− 3 3 9·51	−0·03	−18·245	−0·18	+0·01	1456	14288	5722	3582
880	61·27	4	+ 9 57 46·51	...	−18·252	−0·18	...	...	...	...	...
881	68·27	1	−56 30 35·61	...	−18·285	−0·13	...	4313	14307	5732	3595
882	67·06	4	−65 1 0·89	...	−18·292	−0·10	...	4321	14310	5734	3599
883	63·32	5	+ 0 3 15·17	−0·02	−18·299	−0·18	−0·011	1459	...	5739	3597
884	68·31	2	− 6 56 45·98	−0·07	−18·329	−0·17	+0·020	1462	14336	5751	3603
885	65·27	51	+10 0 1·02	0·00	−18·381	−0·18	+0·013	1467	...	5763	3609
886*	68·27	2	−16 15 42·23	+0·29	−18·396	−0·16	−0·090*	...	14371	5771	3611
887	63·39	2	+ 7 38 51·79	+0·11	−18·452	−0·17	+0·067	1468	...	...	3621
888	68·31	2	−22 28 51·68	−0·04	−18·479	−0·15	+0·012	1472	14426	5796	3627
889*	68·22	1	−15 38 46·75	−0·06	−18·518	−0·16	+0·019	1474	14453	5807	3632
890*	68·36	1	−12 41 1·88	...	−18·558	−0·16	...	...	...	5827	3637
891*	68·27	2	−16 10 35·26	−0·12	−18·595	−0·15	+0·038	1479	14522	5842	3646
892	68·26	2	−56 33 17·95	...	−18·621	−0·12	...	4390	14536	5850	3651
893	65·44	3	−58 28 51·36	+0·01	−18·647	−0·11	−0·02*	4396	14558	5861	3655
894	68·23	1	−64 20 25·47	...	−18·649	−0·10	...	4405	14559	5860	3656
895	67·12	4	−77 54 27·89	−0·07	−18·654	−0·03	+0·032	4428	14557	5859	3660
896	64·19	3	− 1 1 58·73	−0·09	−18·677	−0·15	−0·112	1482	14589	5879	3663
897	64·49	8	+ 4 17 15·29	+0·02	−18·712	−0·16	+0·033	1484	...	5891	3667
898	68·22	1	−22 50 35·46	+0·14	−18·738	−0·14	−0·045	1489	14634	5902	3674
899	68·29	1	−32 0 38·78	...	−18·738	−0·14	...	4415	14635	5903	3677
900	63·62	4	+ 3 11 49·68	+0·01	−18·791	−0·15	+0·006	1491	...	...	3684
901*	65·96	49	−58 58 31·46	−0·02	−18·841	−0·11	+0·018	4457	14720	5938	3695
902	68·34	2	−16 35 8·07	−0·01	−18·853	−0·14	+0·003	1496	14734	5947	3697
903	67·18	1	−48 42 27·20	+0·12	−18·875	−0·12	−0·053	4461	14751	5957	3702
904	68·25	1	−59 53 31·82	...	−18·878	−0·11	...	4464	14754	5958	3703
905	66·77	26	+11 15 31·23	+0·02	−18·910	−0·15	−0·014	1500	...	5974	3708
906	67·15	4	−79 45 24·38	...	−18·961	−0·02	...	4509	14817	5991	3723
907	61·26	4	+ 3 25 36·60	...	−18·970	−0·14	...	...	...	...	...
908	67·26	4	−79 49 42·42	0·00	−18·976	−0·02	0·000	4513	14829	5994	3724
909*	68·29	1	−17 37 3·25	−0·16	−18·977	−0·13	+0·048	1507	14836	...	3722
910	68·23	1	−54 25 20·54	...	−19·029	−0·11	...	4500	14862	6007	3731

877. Suspected Variable; $4^m\cdot2$ to $5^m\cdot1$ in *Uranometria Argentina.*
890. Limits of Magnitude $4^m\cdot5-6^m\cdot1$ to $6^m\cdot3$. Irregularly periodic.
901. Limits of Magnitude $>1^m-7^m\cdot4$. Period irregular.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
911	B.D.+3° No. 2428.	8·8†	61·26	5	10 46 28·62	...	+3·0946	−0·004	...
912	Lalande 20961	5·9	68·25	2	10 46 51·33	...	+3·0617	−0·001	...
913†	Carinæ ..... *u*	3·9	68·28	3	10 48 1·08	−0·02	+2·4075	+0·024	+0·0068
914	Lacaille 4528.....	6·7	68·34	1	10 48 6·64	...	+1·5145	−0·003	...
915	Lacaille 4517.....	7*	68·38	2	10 48 23·03	...	+2·7504	+0·016	...
916	55 Leonis	6·0	63·51	4	10 48 45·78	+0·01	+3·0824	−0·003	+0·0057
917	7 Crateris..... *a*	4·1	68·22	1	10 53 11·93	+0·11	+2·9503	+0·007	−0·0343
918	58 Leonis ..... *d*	5·0	64·77	13	10 53 35·33	0·00	+3·1011	−0·004	−0·0018
919	59 Leonis ..... *c*	5·1	65·35	6	10 53 44·90	0·00	+3·1177	−0·005	−0·0057
920	Lacaille 4556.....	7·0*	68·33	1	10 53 48·51	...	+2·3962	+0·027	...
921*	61 Leonis.....p^2	5·0	64·45	6	10 54 56·48	0·00	+3·0606	−0·001	−0·0001
922	Piazzi X. 225	6·5*	61·20	5	10 56 20·05	0·00	+3·0720	−0·002	0·0000*
923	W.B. X. 1003.....	8·8†	61·25	6	10 56 26·81	...	+3·0708	−0·001	...
924	Lacaille 4571	6·8*	68·25	1	10 56 50·34	...	+2·8513	+0·013	...
925	Piazzi X. 232	6·9*	68·35	2	10 57 25·03	...	+3·0686	−0·001	....
926‡	63 Leonis..... χ	4·7	67·63	19	10 58 3·10	+0·06	+3·1226	−0·006	−0·0243
927	65 Leonis ..... p^4	5·7	63·74	2	11 0 1·05	−0·04	+3·0883	−0·003	−0·0287
928	Carinæ.....*z*	4·8	68·33	1	11 1 0·82	...	+2·4400	+0·031	...
929	Piazzi X. 250	7*	68·25	2	11 1 23·25	...	+3·0651	−0·001	...
930	Bradley 1544	5·4	67·21	4	11 2 12 20	+0·01	+2·8995	+0·012	−0·0065
931	66 Leonis .....ρ.	6·9*	68·31	1	11 2 20·14	+0·01	+3·0686	−0·001	−0·003
932	Lacaille 4623	5·8	67·37	3	11 3 24·25	...	+2·8706	+0·014	...
933*	11 Crateris..... β	4·4	68·29	3	11 5 1·24	+0·01	+2·9431	+0·010	−0·0017
934	Lacaille 4639.....	6·9*	68·35	2	11 5 23·10	...	+2·9176	+0·012	...
935	Carinæ.....*y*	4·7	68·33	1	11 6 49·22	...	+2·5482	+0·032	...
936	69 Leonis ..... p^5	5·5	64·65	5	11 6 50·92	0·00	+3·0756	−0·001	−0·0028
937‡	68 Leonis..... δ	2·8	67·10	10	11 6 55·49	−0·02	+3·1915	−0·013	+0·0097
938	B.D.−3° No. 3071.	9·6†	61·25	5	11 6 59·93	...	+3·0549	+0·001	...
939	Lalande 21525	6·9*	68·32	1	11 9 18·71	...	+3·0579	0·000	...
940*	74 Leonis ..... ϕ	4·5	64·14	21	11 9 47·94	−0·01	+3·0573	+0·001	−0·0080
941	Piazzi XI. 32	7·8*	68·40	1	11 11 23·16	−0·17	+3·0507	+0·001	+0·0510*
942*	12 Crateris ..... δ	3·9	66·81	21	11 12 35·57	+0·02	+3·0034	+0·006	−0·0102
943	Lacaille 4712	6·8*	68·34	2	11 13 38·20	...	+2·5250	+0·038	...
944‡	77 Leonis.....σ	4·1	68·54	12	11 14 10·42	+0·03	+3·1036	−0·004	−0·0075
945	13 Crateris..... λ	5·0	68·29	2	11 16 40·23	+0·07	+2·9902	+0·009	−0·0226

921. p^1 in B.A.C.
927. p^3 in B.A.C.
928. z^1 in B.A.C.
931. p^4 in B.A.C.
933. Fundamental Star for Southern Zones.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
911	61·26	5	+ 3 3 25·85	...	−19·032	−0·13	...	...	...	...	...
912	68·25	2	− 1 24 43·92	...	−19·042	−0·13	...	...	14882	6019	3732
913	68·28	3	−58 8 12·13	−0·10	−19·074	−0·10	+0·029	4515	14910	6034	3740
914	68·34	1	−75 9 57·96	...	−19·077	−0·66	...	4528	14905	6029	3746
915	68·38	2	−38 2 10·06	...	−19·084	−0·12	...	4517	14925	6036	3745
916	63·51	4	+ 1 27 22·50	+0·01	−19·094	−0·13	+0·008	1517	...	...	3749
917	68·22	1	−17 34 49·82	−0·51	−19·209	−0·12	+0·157	1525	15027	6072	3766
918	64·86	14	+ 4 20 30·05	0·00	−19·219	−0·12	−0·012	1526	...	6077	3768
919	65·04	7	+ 6 49 33·71	0·00	−19·223	−0·12	0·000	1527	...	...	3769
920	68·33	1	−60 35 50·12	...	−19·225	−0·09	...	4556	15040	6078	3771
921*	64·01	8	− 1 45 30·66	−0·02	−19·253	−0·12	−0·023	1530	15075	6095	3775
922	61·20	5	− 0 1 20·34	−0·46	−19·286	−0·12	−0·120*	...	15107	6103	3779
923	61·24	5	− 0 11 59·19	...	−19·289	−0·12	...	...	...	...	...
924	68·25	1	−31 14 2·32	...	−19·298	−0·11	...	4571	15119	6110	3783
925	68·35	2	− 0 33 4·23	...	−19·312	−0·11	...	...	15132	...	3786
926	66·84	31	+ 8 3 54·62	+0·06	−19·327	−0·11	−0·030	1535	...	6126	3788
927*	63·55	3	+ 2 41 15·46	−0·09	−19·372	−0·11	−0·060	1539	...	...	3798
928*	68·33	1	−61 41 42·67	...	−19·395	−0·08	...	4611	15222	6165	3805
929	68·25	2	− 1 10 20·76	...	−19·403	−0·11	...	...	15232	6171	3807
930	67·21	4	−27 20 57·60	−0·07	−19·421	−0·10	+0·033	1544*	15253	6180	3815
931*	68·31	1	− 0 36 7·50	−0·06	−19·424	−0·10	+0·017	1543	15257	6183	3816
932	67·34	4	−31 38 5·03	...	−19·447	−0·09	...	4623	15279	6189	3822
933*	68·29	3	−22 5 21·62	+0·30	−19·481	−0·09	−0·090	1545	15317	6205	3826
934	68·35	2	−26 4 26·39	...	−19·488	−0·09	...	4639	15324	6209	3828
935	68·33	1	−59 35 1·88	...	−19·518	−0·08	...	4652	15356	6223	3835
936	64·65	5	+ 0 39 51·76	0·00	−19·518	−0·10	+0·011	1547	...	...	3832
937	64·60	5	+21 15 46·97	−0·05	−19·520	−0·10	−0·120	1546	...	6228	3834
938	61·25	5	− 3 12 3·73	...	−19·521	−0·09	...	...	...	...	...
939	68·32	1	− 2 44 12·64	...	−19·567	−0·09	...	...	15414	...	...
940	64·01	26	− 2 54 50·51	−0·03	−19·576	−0·09	−0·029	1551	15429	...	3848
941	68·40	1	− 4 19 29·01	+0·48	−19·606	−0·09	−0·140*	...	15463	6285	3855
942	63·17	69	−14 2 54·11	+0·38	−19·628	−0·08	+0·210	1557	15488	6298	3859
943	68·34	2	−63 50 45·03	...	−19·646	−0·06	...	4712	15504	6303	3860
944	68·52	13	+ 6 46 6·87	−0·01	−19·656	−0·08	+0·002	1558	...	6312	3862
945	68·29	2	−18 2 18·25	+0·07	−19·698	−0·07	−0·022	1561	15572	6335	3874

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1650·0.	Proper Motion. μ_α.
					h m s	s	s	s	s
946	Lalande 21695.....	8·0†	68·32	1	11 16 46·45	...	+2·9960	+0·008	...
947‡	78 Leonis ..... ι	*	69·71	2	11 16 53·23	−0·05	+3·1219	−0·007	+0·0096
948	79 Leonis.....	5·5	65·27	2	11 17 6·71	0·00	+3·0814	−0·002	−0·0034
949	14 Crateris..... ε	5·0	68·30	2	11 17 47·58	+0·01	+3·0284	+0·005	−0·0041
950*	15 Crateris..... γ	4·2	68·41	4	11 18 8·40	+0·03	+2·9981	+0·008	−0·0082
951†	Lacaille 4739	5·4	68·44	1	11 18 57·04	+0·04	+2·9031	+0·018	−0·0111
952	Lacaille 4751	5·6	68·31	4	11 20 31·80	...	+2·6692	+0·038	...
953	Piazzi XI. 78	7·0*	68·34	1	11 21 9·00	...	+3·0714	0·000	...
954*	87 Leonis ..... ε	5·1	64·82	15	11 23 25·01	0·00	+3·0637	+0·001	−0·0001
955	Lacaille 4768.....	7·1*	66·06	4	11 24 24·60	...	+2·8912	+0·023	...
956	Piazzi XI. 94	6·9*	68·39	2	11 25 4·71	+0·01	+3·0517	+0·003	−0·004
957	B.D.−9° No. 3310.	9·5†	61·24	6	11 25 20·41	...	+3·0400	+0·005	...
958	Piazzi XI. 98	6·4*	68·36	4	11 25 55·90	0·00	+3·0474	+0·004	−0·001
959	Bradley 1579.....	4·9	68·41	2	11 26 13·84	+0·01	+2·9572	+0·016	−0·0043
960	Lacaille 4778	5·7	67·17	1	11 26 14·22	...	+2·9091	+0·022	...
961†	Hydræ..... ζ	3·8	67·40	3	11 26 21·99	+0·04	+2·9541	+0·017	−0·0175
962	Lacaille 4785	5·6	67·13	3	11 27 2·83	...	+2·9122	+0·022	...
963†	Centauri..... λ	3·3	67·26	2	11 29 34·17	+0·02	+2·7352	+0·044	−0·0086
964*	21 Crateris..... θ	4·7	68·18	3	11 29 50·18	+0·02	+3·0441	+0·005	−0·0051
965‡	91 Leonis..... υ	4·5	67·67	15	11 30 2·24	0·00	+3·0718	0·000	−0·0012
966	Piazzi XI. 126.....	6·7*	68·34	1	11 31 30·22	...	+3·0671	+0·001	...
967	Brisbane 3689	5·4	68·30	3	11 31 49·78	...	+2·7754	+0·044	...
968	B.D.−11° No. 3152	9·7†	61·23	5	11 33 39·66	...	+3·0401	+0·006	...
969	Bradley 1597	5·0	68·38	3	11 34 59·74	+0·02	+2·9819	+0·017	−0·006
970	Piazzi XI. 148.....	6·4*	68·25	5	11 37 1·53	...	+3–0581	+0·004	...
971*	27 Crateris..... ζ	4·9	68·35	5	11 37 55·37	0·00	+3·0313	+0·010	+0·0009
972	3 Virginis..... ν	4·2	69·44	10	11 38 55·25	+0·01	+3·0878	−0·003	−0·0026
973†	Muscæ ..... λ	3·8	68·44	1	11 39 15·13	+0·07	+2·8008	+0·056	−0·020
974	Lacaille 4887	5·1	68·34	1	11 40 4·72	+0·44	+2·9753	+0·024	−0·133†
975	B.D.−14° No. 3413	8·6†	61·20	5	11 41 49·10	...	+3·0451	+0·008	...
976‡	94 Leonis..... β	2·2	66·75	4	11 42 10·20	+0·06	+3·1005	−0·007	−0·0354
977	C.P.D.–42° No.5518	9·5‡	66·06	4	11 42 12·01	...	+2·9762	+0·026	...
978*	5 Virginis..... β	3·7	65·86	23	11 43 39·87	−0·04	+3·0763	0·000	+0·0480
979	Lacaille 4905	6·5	68·39	3	11 43 48·10	...	+3·0249	+0·015	...
980	Piazzi XI. 167	5·7	66·04	10	11 44 8·22	...	+3·0646	+0·003	...

961. B.A.C. gives no letter.
973. B.A.C. gives no letter.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ.	Bradley or Lacaille	C.G.A. 1875.	Cape 1880	B.A.C. 1850.
			° ′ ″	″	″	″	″				
946	68·32	1	−16 52 49·27	...	−19·699	−0·07	...	...	...	...	...
947*	69·71	2	+11 16 19·40	+0·33	−19·701	−0·08	−0·070	1560	...	...	3877
948	65·27	2	+ 2 8 54·45	0·00	−19·705	−0·08	+0·008	1562	...	...	3879
949	68·30	2	−10 7 8·60	−0·17	−19·716	−0·07	+0·050	1563	15595	6344	3881
950	68·41	4	−16 56 33·83	−0·03	−19·722	−0·07	+0·009	1564	15603	6347	3883
951	68·44	1	−35 19 21·30	−0·04	−19·734	−0·07	+0·011	4739	15619	6350	3890
952	68·31	4	−60 22 21·66	...	−19·759	−0·06	...	4751	15652	6360	3899
953	68·34	1	− 0 9 16·65	...	−19·768	−0·07	...	...	15663	...	3903
954	64·90	15	− 2 15 32·51	0·00	−19·800	−0·06	+0·001	1576	15716	6394	3916
955	66·06	4	−41 10 54·99	...	−19·814	−0·06	...	4768	15734	6401	...
956	68·39	2	− 5 43 22·72	+0·27	−19·823	−0·06	−0·08	...	15751	6408	3920
957	61·27	5	− 9 3 37·77	...	−19·826	−0·06	...	...	...	...	...
958	68·36	4	− 7 4 56·75	−0·03	−19·834	−0·06	+0·01	...	15769	6418	3925
959	68·41	2	−30 20 31·31	−0·09	−19·838	−0·06	+0·025	1579*	15777	6421	3926
960	67·17	1	−39 41 35·71	...	−19·838	−0·05	...	4778	15776	6420	3927
961*	67·40	3	−31 6 39·08	+0·08	−19·840	−0·06	−0·033	1580*	15786	6425	3928
962	67·13	3	−39 50 32·37	...	−19·848	−0·05	...	4785	15795	6428	3929
963	67·26	2	−62 16 23·16	+0·04	−19·879	−0·04	−0·019	4804	15848	6452	3941
964	68·18	3	− 9 3 20·53	−0·05	−19·882	−0·05	+0·017	1585	15851	6454	3943
965	63·61	54	− 0 4 43·24	+0·07	−19·884	−0·05	+0·050	1586	15861	6462	3946
966	68·34	1	− 1 41 21 24	...	−19·900	−0·05	...	...	15895	6480	3955
967	68·30	3	−61 4 45·99	...	−19·904	−0·04	...	...	15901	6485	3958
968	61·23	5	−11 46 16·47	...	−19·923	−0·04	...	...	...	...	...
969	68·38	3	−31 44 58·93	0·00	−19·936	−0·04	0·000	1597*	15986	6529	3969
970	68·25	5	− 5 55 33·99	...	−19·955	−0·04	...	...	16035	6548	3975
971	63·35	5	−17 36 0·22	+0·07	−19·962	−0·03	−0·020	1598	16053	6555	3978
972	69·39	12	+ 7 17 7·75	+0·72	−19·970	−0·03	−0·165	1601	...	...	3982
973*	68·44	1	−65 58 49·65	−0·10	−19·973	−0·03	+0·03	4883	16085	6567	3984
974*	68·34	1	−39 45 55·16	−1·30	−19·980	−0·03	+0·39†	4887	16103	6576	3988
975	61·20	5	−14 15 16·67	...	−19·992	−0·03	...	...	...	...	...
976	64·75	4	+15 19 36·38	−0·03	−19·995	−0·03	−0·102	1605	...	6593	3995
977	66·06	4	−42 44 17·38	...	−19·995	−0·03	...	...	...	...	...
978	65·91	26	+ 2 31 31·25	+0·24	−20·004	−0·02	−0·260	1606	...	6605	4002
979	68·39	3	−26 31 39·08	...	−20·005	−0·02	...	4905	16167	6606	4003
980	65·79	11	− 4 34 56·92	...	−20·007	−0·02	...	...	16174	6610	4006

m. m.
947. Binary 4·1, 6·9. No note of duplicity.
974. Proper Motion from *Cincinnati Publications*, No. 12.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
981	Lacaille 4920.....	5·1	68·25	2	11 45 16·17	...	+2·8924	+0·057	...
982	Piazzi XI. 179.....	8*	68·39	2	11 46 58·04	...	+3·0680	+0·003	...
983	Lacaille 4933.....	5·6	68·35	2	11 47 50·51	...	+3·0390	+0·015	...
984	Piazzi XI. 182	8·5*	68·34	1	11 47 56·11	−0·02	+3·0712	+0·002	+0·0070*
985*	30 Crateris..... η	5·0	62·39	6	11 49 8·29	−0·01	+3·0534	+0·010	−0·0052
986	Lacaille 4945	6·4*	68·42	1	11 50 12·61	...	+3·0355	+0·020	...
987	Lacaille 4961	6·3	68·36	3	11 52 1·52	...	+3·0502	+0·015	...
988†	Chamæleontis (mass) ϵ	5·1	68·17	2	11 52 57·82	+0·05	+2·8875	+0·120	−0·0164
989	Lacaille 4975.....	7·1*	68·31	2	11 53 23·84	+0·06	+2·8993	+0·122	−0·018*
990	31 Crateris.....	5·1	68·41	4	11 53 57·20	+0·01	+3·0600	+0·012	−0·0027
991	8 Virginis..... π	4·4	69·20	8	11 53 57·31	+0·01	+3·0766	−0·002	−0·0028
992	Piazzi XI. 213.....	6·6*	68·21	4	11 54 7·17	+0·01	+3·0715	+0·002	−0·003
993	Piazzi XI. 221.....	7·0*	68·33	3	11 56 41·24	...	+3·0704	+0·004	...
994	Crucis..... δ	4·9	67·15	4	11 57 23·38	...	+3·0426	+0·058	...
995*	M. 499.....	6·4	68·40	4	11 59 5·14	+0·01	+3·0718	+0·003	−0·004
996	C.P.D.−43°No. 5666	8‡	66·08	4	11 59 49·34	...	+3·0721	+0·030	...
997	Crucis..... η	4·3	67·41	3	11 59 51·91	...	+3·0705	+0·063	...
998	Piazzi XI. 237.....	8*	68·31	3	12 0 20·05	...	+3·0722	+0·005	...
999	C.P.D.−44°No.5828	9·5‡	66·17	4	12 0 46·78	...	+3·0765	+0·031	...
1000†	Centauri..... δ	2·8	67·39	1	12 1 22·36	+0·01	+3·0816	+0·038	−0·0055
1001	1 Corvi..... α	4·3	68·39	3	12 1 27·31	+0·02	+3·0758	+0·015	−0·0045
1002	Lacaille 5041.....	7·5*	68·32	1	12 2 35·93	...	+3·0908	+0·040	...
1003	10 Virginis.....	6·1	65·42	11	12 2 46·29	0·00	+3·0713	+0·001	+0·0008
1004*	2 Corvi..... ϵ	3·1	67·17	18	12 3 11·11	+0·01	+3·0795	+0·014	−0·0060
1005	3 Corvi.....	5·3	68·18	1	12 4 6·94	+0·02	+3·0822	+0·015	−0·005
1006	B.D.−20° No. 3590	9·2†	61·23	5	12 4 34·81	...	+3·0820	+0·013	...
1007	Centauri..... ρ	4·2	68·27	1	12 4 36·71	...	+3·1060	+0·041	...
1008	Lacaille 5065.....	6·0	68·43	2	12 6 24·30	...	+3·1013	+0·026	...
1009	B.D.−20° No. 3599	8·0†	61·22	4	12 6 37·40	...	+3·0863	+0·013	...
1010	Piazzi XII. 17.....	6·6*	68·25	2	12 7 20·65	+0·03	+3·0757	+0·005	−0·008
1011†	Crucis..... δ	3·1	67·15	3	12 7 59·57	+0·02	+3·1466	+0·052	−0·0070
1012*	4 Corvi..... γ	2·8	68·27	4	12 8 51·96	+0·04	+3·0877	+0·012	−0·0127
1013†	Chamæleontis..... β	4·3	...	...	12 10 29	...	+3·3742	+0·179	−0·0173
1014	Crucis..... ζ	4·3	67·41	4	12 11 8·75	...	+3·2010	+0·067	...
1015	Piazzi XII. 32.....	7·3	68·43	1	12 11 13·81	...	+3·0757	+0·004	...

990. C.G.A. assigns to Corvus.
1004. Fundamental Star for Southern Zones.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
981	68·25	2	−64 27 16·87	...	−20·014	−0·02	...	4920	16200	6620	4011
982	68·39	2	− 3 1 26·56	...	−20·023	−0·02	...	...	16234	6630	4020
983	68·35	2	−24 57 55·69	...	−20·027	−0·02	...	4933	16252	6638	4024
984	68·34	1	− 0 41 20·44	+0·97	−20·027	−0·02	−0·290*	...	16254	...	4025
985	62·39	6	−16 23 56·69	−0·01	−20·033	−0·01	−0·002	1615	16284	6649	4035
986	68·42	1	−32 33 50·10	...	−20·037	−0·01	...	4945	16309	6654	4037
987	68·36	3	−25 9 23·87	...	−20·043	−0·01	...	4961	16360	6674	4042
988	68·17	2	−77 28 11·75	+0·04	−20·046	0·00	−0·014	4974	16382	6684	4048
989	68·22	3	−77 26 27·76	...	−20·047	0·00	...	4975	16390	6689	4051
990*	68·41	4	−18 54 27·19	−0·11	−20·048	0·00	+0·033	1619	16406	6691	4053
991	69·20	8	+ 7 22 1·14	+0·07	−20·048	0·00	−0·017	1618	...	6692	4052
992	68·21	4	− 1 0 48·38	+0·13	−20·049	0·00	−0·04	...	16409	...	4054
993	68·33	3	− 4 43 38·02	...	−20·053	0·00	...	...	16459	...	4063
994	67·15	4	−62 24 50·47	...	−20·054	+0·01	...	4999	16479	6722	4067
995	68·40	4	− 2 22 44·62	0·00	−20·055	+0·01	0·00	...	16517	...	4077
996	66·08	4	−43 45 2·02	...	−20·055	+0·01	...	...	...	...	...
997	67·41	3	−63 51 37·83	...	−20·055	+0·01	...	5023	16541	6754	4078
998	68·31	3	− 6 0 51·67	...	−20·055	+0·01	...	...	16551	...	4080
999	66·17	4	−43 58 53·79	...	−20·055	+0·01	...	...	...	...	...
1000	67·39	1	−49 58 13·42	+0·05	−20·055	+0·01	−0·021	5033	16572	6766	4087
1001	68·39	3	−23 58 32·52	+0·12	−20·054	+0·01	−0·034	1624*	16576	6768	4090
1002	68·32	1	−51 23 31·85	...	−20·054	+0·01	...	5041	16602	6774	...
1003	65·21	10	+ 2 39 22·14	+0·04	−20·053	+0·01	−0·187	1625	...	...	4094
1004*	63·84	19	−21 52 7·52	+0·02	−20·053	+0·02	−0·020	1626	16615	6778	4097
1005	68·18	1	−22 50 59·98	+0·01	−20·052	+0·02	−0·002	1629	16634	6789	4101
1006	61·23	5	−20 25 3·54	...	−20·051	+0·02	...	...	...	...	...
1007	68·27	1	−51 37 1·77	...	−20·051	+0·02	...	5055	16652	6793	4103
1008	68·43	2	−38 10 40·76	...	−20·047	+0·02	...	5065	16688	6808	4113
1009	61·22	4	−20 19 25·03	...	−20·047	+0·02	...	...	...	...	...
1010	68·25	2	− 4 58 10·63	−0·46	−20·045	+0·02	+0·14	...	16713	...	4119
1011	67·15	3	−57 59 52·55	+0·02	−20·043	+0·02	−0·007	5075	16726	6824	4120
1012	68·27	4	−16 47 30·62	−0·11	−20·040	+0·03	+0·033	1638	16744	6828	4124
1013*	70·00	2	−78 33 47·22	−0·10	−20·034	+0·03	+0·019	5085	16766	6836	4131
1014	67·41	4	−63 15 9·89	...	−20·031	+0·03	...	5090	16778	6841	4133
1015	68·43	2	− 3 12 16·61	...	−20·031	+0·03	...	...	16781	...	4134

1013. Observed only S.P.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
1016	Piazzi XII. 33.....	6·5	68·43	2	12 11 14·15	...	+3·0757	+0·004	...
1017	Piazzi XII. 35.....	7·5*	68·42	1	12 11 35·89	...	+3·0817	+0·007	...
1018	13 Virginis.....	6·3†	64·77	4	12 11 45·16	0·00	+3·0721	+0·003	−0·0001
1019	B.D.—22° No. 3337	9·0†	61·27	4	12 12 2·13	...	+3·1006	+0·015	...
1020*	15 Virginis..... η	4·1	66·83	18	12 13 0·03	+0·01	+3·0719	+0·003	−0·0055
1021	Bradley 1649(mass)	6·5*	68·32	1	12 13 11·68	+0·03	+3·1022	+0·015	−0·0076
1022*	Piazzi XII. 54.....	5·4	68·37	1	12 13 57·76	+0·01	+3·0906	+0·010	−0·0015
1023†	Crucis..... ϵ	3·5	67·74	2	12 14 5·54	+0·07	+3·2124	+0·058	−0·0252
1024	C.Z. XII. 1167	9*	66·08	4	12 18 13·15	...	+3·1777	+0·035	...
1025	C.G.A. 16928.....	9*	61·34	4	12 18 15·26	...	+3·1186	+0·016	...
1026†	Crucis *pr*..... α	1·5*	63·00	16	12 19 6·74	−0·01	+3·2846	+0·068	−0·0058
1027	Crucis *seq*..... α	1·7*	63·00	2	12 19 7·49	−0·01	+3·2846	+0·068	−0·0058
1028	C.G.A. 16958.....	8·8*	61·37	4	12 19 48·72	...	+3·1235	+0·017	...
1029†	Centauri..... σ	4·1	67·12	1	12 20 45·17	+0·01	+3·2134	+0·041	−0·0058
1030	Piazzi XII. 87.....	6·9*	68·44	2	12 20 49·06	...	+3·1065	+0·012	...
1031*	M. 510.....	5·7	68·39	1	12 20 56·05	+0·02	+3·0803	+0·005	−0·0072
1032*	7 Corvi *seq*..... δ	3·1	68·36	2	12 22 52·99	+0·05	+3·1096	+0·012	−0·0157
1033†	Crucis..... γ	1·6	64·44	9	12 23 41·77	0·00	+3·2794	+0·054	+0·0018
1034	Piazzi XII. 108	7·8*	68·08	1	12 23 54·74	+0·02	+3·0801	+0·005	−0·006
1035	Lacaille 5185.....	6·4*	68·08	1	12 24 8·90	...	+3·3031	+0·059	...
1036†	Muscæ.....γ	4·0	...	...	12 24 27	...	+3·4946	+0·116	−0·0159
1037	Piazzi XII. 111.....	6·5*	68·15	1	12 24 42·38	+0·02	+3·0829	+0·005	−0·006
1038	C.Z. XII, 1545.....	9·5*	61·28	4	12 24 42·47	...	+3·1401	+0·018	...
1039	21 Virginis..... q	5·7	63·41	14	12 26 48·85	−0·01	+3·0960	+0·008	−0·0082
1040*	9 Corvi..... ..... β	Var.	66·69	26	12 27 18·03	0·00	+3·1384	+0·016	−0·0019
1041	Piazzi XII. 125.....	7*	68·45	1	12 27 28·23	+0·02	+3·0738	+0·004	−0·005
1042	C.Z. XII. 1803.....	9*	61·28	5	12 29 8·93	...	+3·1573	+0·019	...
1043†	Muscæ.....α	2·9	67·15	4	12 29 10·11	+0·02	+3·5000	+0·100	−0·0083
1044	25 Virginis..... f	5·9	64·97	4	12 29 50·35	0·00	+3·0875	+0·006	−0·0035
1045	Centauri..... τ	4·0	67·42	1	12 30 20·08	...	+3·2665	+0·040	...
1046	Lacaille 5223	7·0	68·34	3	12 30 33·73	...	+3·3277	+0·053	...
1047	Lacaille 5235	6·6	65·49	37	12 30 59·16	+0·04	+14·028	+14·638	−0·088*
1048*	26 Virginis..... χ	4·7	63·71	19	12 32 16·90	−0·01	+3·0959	+0·008	−0·0064
1049†	Centauri (mass)... γ	2·4	67·50	1	12 34 5·15	+0·05	+3·2936	+0·042	−0·0217
1050	Lacaille 5246.....	6·8*	68·45	1	12 34 30·08	...	+3·3481	+0·052	...

1040 Fundamental Star for Southern Zones.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
	:		° ′ ″	″	″	″	″				
1016	68·43	3	− 3 11 57·24	...	−20·031	+0·03	...	...	16782	...	4135
1017	68·42	1	− 8 9 7·02	...	−20·029	+0·03	...	...	16788	...	4136
1018	64·22	2	− 0 2 10·28	−0·02	−20·029	+0·03	−0·029	1643	16791	...	4137
1019	61·27	4	−22 8 16·99	...	−20·028	+0·03	...	...	...	...	...
1020	65·80	44	+ 0 5 1·10	+0·01	−20·023	+0·03	−0·010	1647	...	6852	4145
1021	68·32	1	−21 25 30·37	+0·07	−20·022	+0·04	−0·02	1649	16820	6855	4149
1022	68·37	1	−12 48 59·25	−0·10	−20·018	+0·04	+0·029	...	16830	...	4157
1023	67·74	2	−59 39 17·38	−0·23	−20·017	+0·04	+0·085	5110	16835	6865	4158
1024	66·08	4	−44 52 35·98	...	−19·992	+0·05	...	...	...	...	...
1025	61·34	4	−23 38 35·91	...	−19·992	+0·04	...	...	16928	...	...
1026	63·00	19	−62 21 2·22	−0·04	−19·985	+0·05	−0·021	5148	16942	6908	4187
1027	63·00	17	−62 21 4·88	−0·04	−19·985	+0·05	−0·021	5148	16943	6909	4187
1028	61·37	4	−24 1 42·33	...	−19·980	+0·05	...	...	16958	...	...
1029	67·12	1	−49 28 56·04	+0·04	−19·973	+0·05	−0·020	5162	16976	6922	4197
1030	68·44	2	−15 53 4·24	...	−19·973	+0·05	...	...	16979	...	4198
1031	68·39	1	− 3 52 2·68	−0·02	−19·972	+0·05	+0·005	...	16984	...	4200
1032	68·36	2	−15 45 48·90	+0·44	−19·955	+0·05	−0·130	1675	17030	6943	4211
1033	64·29	11	−56 21 24·75	−0·19	−19·948	+0·06	−0·266	5180	17048	6947	4215
1034	68·08	1	− 3 18 51·26	−0·06	−19·946	+0·06	+0·02	...	17055	...	4220
1035	68·08	1	−58 40 37·71	...	−19·944	+0·06	...	5185	17062	6954	4221
1036*	70·90	3	−71 23 14·65	+0·04	−19·941	+0·06	−0·006	5184	17072	6958	4224
1037	68·15	1	− 4 18 26·76	−0·09	−19·939	+0·06	+0·03	...	17077	...	4225
1038	61·28	4	−25 19 8·12	...	−19·939	+0·06	...	...	...	...	...
1039	63·41	15	− 8 42 24·72	+0·01	−19·918	+0·06	+0·008	1683	17120	6978	4230
1040*	62·68	59	−22 38 58·87	−0·11	−19·913	+0·06	−0·046	1685	17129	6982	4234
1041	68·45	1	− 0 39 47·69	−0·07	−19·911	+0·06	+0·02	...	17131	...	4237
1042	61·28	5	−26 41 1·95	...	−19·893	+0·07	...	...	...	...	...
1043	67·15	4	−68 23 28·31	+0·06	−19·893	+0·08	−0·030	5213	17156	6992	4245
1044	66·21	3	− 5 5 14·61	+0·02	−19·885	+0·07	−0·019	1690	17166	...	4247
1045	67·42	1	−47 47 51·56	...	−19·880	+0·07	...	5222	17180	6998	4251
1046	68·34	3	−55 11 14·46	...	−19·877	+0·07	...	5223	17188	7001	4252
1047	65·23	42	−89 3 27·53	0·00	−19·872	+0·28	0·00*	5235	17241	7017	...
1048	63·59	23	− 7 15 6·92	−0·02	−19·856	+0·07	−0·017	1694	17223	...	4257
1049	67·50	1	−48 13 3·56	+0·05	−19·834	+0·08	−0·020	5243	17269	7022	4264
1050	68·45	1	−54 1 12·26	...	−19·828	+0·08	...	5246	17281	7025	4266

1036 Observed only S.P.

1040 Suspected Variable; $^{m}2{\cdot}5$ to $^{m}3{\cdot}5$.

No.	Star's Name.	Mag.	Mean Date 1860+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α.
					h m s	s	s	s	s
1051	29 Virginis *pr*.....γ	3·6	65·12	17	12 34 49·21	0·00	+3·0746	+0·004	−0·0392
1052‡	29 Virginis.....γ	2·8	67·90	21	12 34 49·15	+0·11	+3·0746	+0·004	−0·0392
1053	29 Virginis *seq*.....γ	3·6	70·00	1	12 34 49·10	+0·20	+3·0746	+0·004	−0·0392
1054	28 Virginis.....	7·0†	64·18	5	12 34 58·94	0·00	+3·0961	+0·007	−0·0012
1055	Centauri .....ω	4·6	68·33	1	12 35 7·87	...	+3·2992	+0·042	...
1056	Lacaille 5249.....	6·2	68·08	1	12 35 10·90	...	+3·3661	+0·054	...
1057	C.P.D.−45° No.6014	10‡	66·10	6	12 36 35·55	...	+3·2900	+0·038	...
1058†	Lacaille 5263.....	5·9	68·40	1	12 36 49·09	+0·01	+3·1837	+0·020	−0·0044
1059	Crucis.....ι	4·7	68·34	1	12 37 43·28	...	+3·4551	+0·069	...
1060†	Muscæ (mass).....β	3·3	67·15	3	12 38 2·07	+0·02	+3·6018	+0·099	−0·0098
1061†	Crucis .....β	1·5	65·74	12	12 39 51·27	+0·01	+3·4561	+0·065	−0·0074
1062*	M. 522	6·1	68·12	3	12 40 35·07	0·00	+3·0949	+0·007	−0·0014
1063	Lacaille 5285	5·9	68·35	4	12 41 14·82	...	+3·1933	+0·020	...
1064	Piazzi XII. 193.....	7·0*	68·42	2	12 43 7·73	+0·05	+3·1023	+0·008	−0·016
1065	Piazzi XII. 196.....	6·7*	68·24	3	12 44 21·62	+0·01	+3·1155	+0·009	−0·003
1066	37 Virginis.....	7·2†	70·21	1	12 44 44·77	0+·02	+3·0549	+0·003	−0·0036
1067	Centauri.....ε	4·4	68·40	1	12 45 29·25	...	+3·3670	+0·043	...
1068	38 Virginis.....	6·2*	68·49	6	12 46 16·49	+0·06	+3·0853	+0·006	−0·0174
1069	Crucis.....μ	4·3	67·21	4	12 46 40·80	...	+3·4797	+0·060	...
1070*	40 Virginis.....ψ	5·9	64·03	15	12 47 20·10	0·00	+3·1145	+0·009	−0·0033
1071	Lacaille 5321.....	5·6	68·08	1	12 48 1·12	...	+3·4859	+0·060	...
1072	Lacaille 5332.....	6·7	68·39	3	12 49 14·87	...	+3·2094	+0·020	...
1073	44 Virginis .....k	5·9	68·39	6	12 52 42·38	+0·01	+3·0885	+0·006	−0·0036
1074	C.G.A. 17684.....	8·5*	61·24	5	12 52 49·19	...	+3·2579	+0·025	...
1075	C.G.A. 17699.....	8·5*	68·34	3	12 53 8·28	...	+3·8520	+0·117	...
1076	Lacaille 5357.....	6·4*	68·42	3	12 53 9·62	...	+3·2699	+0·026	...
1077	46 Virginis	6·1	68·24	2	12 53 38·97	+0·01	+3·0864	+0·006	−0·0041
1078	C.P.D.−46° No.6101	9‡	66·13	4	12 53 47·23	...	+3·3967	+0·041	...
1079	Brisbane 4305.....	8·3	68·16	2	12 56 55·27	...	+3·6348	+0·072	...
1080	48 Virginis.....	6·6	67·97	11	12 56 57·17	+0·02	+3·0889	+0·007	−0·0060
1081	C.Z. XII. 3409	9·0*	61·30	5	12 57 18·88	...	+3·2816	+0·026	...
1082†	Centauri .....ζ²	4·4	67·15	3	12 59 2·74	+0·01	+3·4663	+0·047	−0·0051
1083	Piazzi XII. 262.....	8*	68·44	2	12 59 19·68	...	+3·1586	+0·013	...
1084	Muscæ .....θ	5·6	68·35	2	12 59 26·38	...	+3·7935	+0·095	...
1085	C.Z. XIII. 75.....	9·0*	61·29	4	13 0 44·34	...	+3·3017	+0·027	...

1055, 1067. B.A.C. gives no letter.
1069. B.A.C. assigns to Centaurus.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for $\mu\delta$ to 1865·0.	Prec. 1865·0.	Sec. Var. 1895·0.	Proper Motion $\mu\delta$.	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
1051	65·12	17	− 0 42 28·50	0·00	−19·823	+0·08	+0·020	1698	17291	7027	...
1052	68·31	13	− 0 42 30·67	−0·07	−19·823	+0·08	+0·020	...	...	...	4268
1053	70·00	1	− 0 42 33·15	−0·10	−19·823	+0·08	+0·020	1699	17292	7028	...
1054	64·18	5	− 6 45 27·41	−0·02	−19·822	+0·08	−0·028	1700	17295	...	4269
1055*	68·33	1	−48 4 15·97	...	−19·820	+0·08	...	5259	17300	7032	4272
1056	68·08	1	−55 12 19·05	...	−19·819	+0·08	...	5249	17301	7033	4273
1057	66·11	5	−45 42 44·24	...	−19·800	+0·08	...	...	...	...	...
1058	68·40	1	−27 34 57·62	+0·17	−19·797	+0·08	−0·050	5263	17343	7043	4278
1059	68·34	1	−60 14 22·60	...	−19·784	+0·09	...	5265	17366	7049	4279
1060	67·15	3	−67 22 6·06	+0·03	−19·780	+0·10	−0·014	5267	17374	7053	4280
1061	65·62	20	−58 57 0·22	+0·02	−19·753	+0·10	−0·025	5277	17411	7062	4289
1062	68·12	3	− 5 33 43·21	+0·10	−19·742	+0·09	−0·033	...	17422	...	4294
1063	68·37	5	−26 51 27·16	...	−19·731	+0·09	...	5285	17436	7072	4297
1064*	68·42	2	− 6 53 45·92	−0·07	−19·701	+0·09	+0·02	...	17467	...	4306
1065	68·24	3	− 9 36 9·79	−0·08	−19·681	+0·10	+0·01	...	17485	...	4312
1066	70·21	1	+ 3 47 26·38	−0·16	−19·674	+0·10	+0·030	1714	...	...	4314
1067*	68·40	1	−48 12 30·44	...	−19·662	+0·10	...	5308	17506	7101	4317
1068	68·49	6	− 2 49 8·45	+0·02	−19·648	+0·10	−0·007	1718	17527	...	4323
1069*	67·21	4	−56 26 38·53	...	−19·641	+0·11	...	5317	17541	7112	4325
1070	63·96	14	− 8 48 17·56	−0·01	−19·629	+0·10	−0·006	1721	17557	...	4330
1071	68·08	1	−56 6 10·64	...	−19·617	+0·11	...	5321	17572	7119	4333
1072	68·39	3	−25 43 39·63	...	−19·594	+0·11	...	5332	17601	7128	4343
1073	68·39	6	− 3 4 58·36	−0·03	−19·527	+0·11	+0·010	1729	17683	...	4352
1074	61·24	5	−31 18 49·96	...	−19·525	+0·12	...	...	17684	...	...
1075	68·34	3	−68 30 2·36	...	−19·519	+0·14	...	...	17699	7162	4354
1076	68·42	3	−32 46 25·94	...	−19·518	+0·12	...	5357	17695	7158	4355
1077	68·24	2	− 2 38 28·75	−0·21	−19·508	+0·11	+0·064	1732	17704	...	4358
1078	66·11	5	−46 14 30·29	...	−19·506	+0·12	...	...	...	...	...
1079	68·16	1	−59 42 53·51	...	−19·440	+0·14	...	...	17774	7190	4372
1080	68·04	11	− 2 56 10·05	+0·05	−19·439	+0·12	−0·018	1738	17772	7188	4373
1081	61·30	5	−32 20 51·53	...	−19·431	+0·13	...	...	...	...	...
1082	67·15	3	−49 10 55·99	+0·05	−19·393	+0·14	−0·025	5396	17826	7207	4379
1083	68·44	2	−14 11 35·02	...	−19·387	+0·13	...	...	17833	...	4382
1084	68·35	2	−64 34 59·33	...	−19·385	+0·15	...	5394	17840	7213	4381
1085	61·29	4	−33 15 11·43	...	−19·355	+0·13	...	...	...	...	...

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_a to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_a
					h m s	s	s	s	s
1086	49 Virginis	5·2	65·63	2	13 0 49·74	0·00	+3·1340	+0·011	−0·0002
1087	Cor.D.−33° No.8842	9·6*	61·32	5	13 0 56·94	...	+3·2999	+0·027	...
1088	Brisbane 4343.....	6·8*	68·40	1	13 2 33·00	...	+3·1740	+0·014	...
1089	50 Virginis.....	6·3*	66·78	5	13 2 41·55	0·00	+3·1332	+0·010	−0·0007
1090*	51 Virginis..... θ	4·4	67·44	16	13 2 57·75	+0·01	+3·1026	+0·008	−0·0238
1091	Lacaille 5422	5·1	67·48	3	13 3 40·92	...	+3·4099	+0·037	...
1092†	Lacaille 5418	4·7	68·26	2	13 3 53·43	+0·03	+3·6892	+0·072	−0·010
1093*	53 Virginis	5·1	62·39	2	13 4 52·83	+0·01	+3·1754	+0·014	+0·0039
1094†	Muscæ ..... η	4·9	67·15	4	13 6 8·32	+0·01	+3·9763	+0·113	−0·004
1095	54 Virginis *pr*.....	7·3*	68·29	2	13 6 14·11	+0·02	+3·1967	+0·016	−0·0059
1096	54 Virginis (mass).	6·3*	68·42	1	13 6 14·01	+0·02	+3·1967	+0·016	−0·0059
1097	55 Virginis.....	5·8	68·43	3	13 6 57·74	+0·03	+3·2063	+0·016	−0·0096
1098	57 Virginis.....	5·4	68·43	3	13 8 41·18	−0·07	+3·2097	+0·016	+0·0195
1099	C.P.D.−46° No.6275	10‡	66·13	4	13 8 59·18	...	+3.4919	+0·044	• ...
1100	Brisbane 4396	6·9*	68·40	1	13 10 21·74	...	+3·1791	+0·014	...
1101	58 Virginis.....	7·0†	65·26	3	13 10 22·97	0·00	+3·1422	+0·011	−0·0075
1102	61 Virginis.....	4·8	61·31	1	13 11 21 33	−0·28	+3·2016	+0·015	−0·0762
1103†	Centauri i	3·0	67·20	4	13 13 0·91	+0·07	+3·3762	+0·030	−0·0305
1104	62 Virginis	7·0*	68·42	1	13 13 14·72	+0·04	+3·1506	+0·011	−0·0109
1105	Lacaille 5490	6·6	68·27	2	13 13 53·97	...	+3·8137	+0·079	...
1106	Centauri..... j	4·6	68·24	5	13 13 56·24	...	+3·8145	+0·079	...
1107	Piazzi XIII. 59.....	6·4*	68·45	1	13 14 14·62	...	+3·2167	+0·016	...
1108	Piazzi XIII. 62.....	7·3*	68·42	1	13 15 0·32	0·00	+3·1624	+0·012	0·000
1109	65 Virginis	6·1	70·28	1	13 16 19·32	+0·02	+3·1043	+0·008	−0·0035
1110	66 Virginis.....	5·8	68·00	5	13 17 31·82	−0·01	+3·1066	+0·008	+0·0087
1111*	67 Virginis ..... α	1·2	66·91	34	13 18 5·06	+0·01	+3·1545	+0·011	−0·0043
1112	Lacaille 5540.....	8*	68·36	1	13 19 38·19	...	+3·8247	+0·075	...
1113	Octantis ..... κ	5·7	...	...	13 19 42	...	+8·3778	+1·447	−0·075†
1114	69 Virginis	4·9	68·45	1	13 20 15·36	+0·04	+3·1973	+0·014	−0·0106
1115	C.P.D.−36° No.5938	8·3*	61·26	5	13 21 51·12	...	+3·4225	+0·032	...
1116	Piazzi XIII. 97.....	8*	68·43	3	13 22 42·55	...	+3·2404	+0·017	...
1117†	Centauri..... d	4·0	67·37	4	13 23 13·61	+0·01	+3·4526	+0·034	−0·0041
1118	Piazzi XIII. 114 ...	8·5*	68·42	1	13 24 50·11	+0·19	+3·0858	+0·007	−0·0564†
1119	74 Virginis l	4·9	67·87	6	13 24 56·98	+0·02	+3·1192	+0·009	−0·0081
1120	Lacaille 5578	6·4	67·50	1	13 25 2·20	...	+3·3393	+0·024	...

1086. g in B.A.C.
1106. B.A.C. gives no letter.
1117. B.A.C. gives no letter.
1119. l^2 in B.A.C.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
1086*	65·63	2	−10 1 3·71	−0·01	−19·353	+0·13	+0·008	1742	17864	...	4391
1087	61·32	4	−32 57 19·80	...	−19·350	+0·13	...	...	...	...	...
1088	68·40	1	−15 47 40·50	...	−19·313	+0·13	...	...	17902	...	4396
1089	66·78	5	− 9 36 30·00	+0·03	−19·309	+0·13	−0·019	1746	17905	...	4397
1090	65·14	44	− 4 49 2·42	0·00	−19·303	+0·13	−0·028	1747	17912	7228	4401
1091	67·50	4	−42 38 53·40	...	−19·286	+0·14	...	5422	17929	7235	4409
1092	68·26	2	−59 12 3·29	+0·10	−19·281	+0·16	−0·03	5418	17936	7238	4412
1093	62·39	4	−15 28 8·51	−0·73	−19·257	+0·14	−0·279	1752	17955	...	4418
1094	66·31	6	−67 10 41·47	+0·03	−19·226	+0·17	−0·02	5433	17989	7259	4426
1095	68·29	2	−18 6 32·63	+0·02	−19·223	+0·14	−0·005	...	17986	...	...
1096	68·42	1	−18 6 30·95	+0·02	−19·223	+0·14	−0·005	1754	17986-7	...	4428
1097	68·43	3	−19 13 13·18	−0·67	−19·205	+0·14	+0·195	1756	18005	...	4430
1098	68·43	3	−19 13 27·25	+0·35	−19·161	+0·15	−0·101	1758	18045	...	4435
1099	66·13	4	−46 38 46·50	...	−19·154	+0·16	...	...	...	...	...
1100	68·40	1	−14 49 59·03	...	−19·117	+0·15	...	...	18087	...	4441
1101	65·26	3	− 9 50 1·63	−0·01	−19·117	+0·15	+0·032	1761	18088	...	4442
1102	62·28	2	−17 33 30·32	−2·87	−19·091	+0·15	−1·055	1763	18112	7295	4449
1103	67·20	4	−35 59 58·83	+0·21	−19·046	+0·16	−0·094	5491	18149	7306	4458
1104	68·42	1	−10 35 39·86	−0·03	−19·040	+0·15	+0·009	1766	18155	...	4459
1105	68·27	2	−60 15 46·79	...	−19·022	+0·19	...	5490	18172	7318	4461
1106*	68·27	4	−60 16 46·16	...	−19·021	+0·19	...	5492	18174	7319	4463
1107	68·45	1	−18 46 50·00	...	−19·012	+0·16	...	...	18183	...	4466
1108	68·42	1	−11 52 15·92	0·00	−18·991	+0·16	0·00	...	18196	...	4471
1109	70·28	1	− 4 13 1·92	+0·05	−18·953	+0·16	−0·010	1772	18230	...	4477
1110	65·85	6	− 4 27 25·96	+0·02	−18·919	+0·16	−0·022	1773	18255	...	4478
1111	63·54	127	−10 27 20·07	−0·03	−18·902	+0·16	−0·021	1774	18262	7352	4480
1112	68·36	1	−58 49 44·11	...	−18·857	+0·20	...	5540	18300	7372	4491
1113*	69·71	3	−85 5 28·43	+0·08	−18·855	+0·42	−0·018†	5482	18321	7387	4483
1114	68·45	1	−15 16 21·29	−0·09	−18·838	+0·17	+0·027	1778	18316	...	4494
1115	61·26	5	−36 51 33·64	...	−18·790	+0·18	...	...	...	...	...
1116	68·43	3	−19 36 47·74	...	−18·763	+0·17	...	...	18364	...	4505
1117*	67·37	4	−38 42 31·69	+0·03	−18·747	+0·19	−0·013	5569	18376	7405	4507
1118*	68·42	1	− 1 37 52·84	−0·83	−18·697	+0·17	+0·242†	...	18414	...	4515
1119*	67·87	6	− 5 33 27·86	+0·09	−18·693	+0·17	−0·030	1784	18417	...	4516
1120	67·50	1	−28 52 9·54	...	−18·691	+0·19	...	5578	18420	7420	4517

1113. Proper Motion determined at the Cape.
1118. Proper Motion from *Bonn Observations*, Vol. VII.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
1121	Brisbane 4520.....	7·7*	68·32	1	13 25 10·09	...	+3·4691	+0·035	...
1122	✳.....	10‡	66·15	4	13 25 20·07	...	+3·5908	+0·046	...
1123	C.P.D.−37°No.5675	8·5*	61·34	4	13 25 24·65	...	+3·4429	+0·033	...
1124	76 Virginis..... *h*	5·5	64·69	23	13 25 51·70	0·00	+3·1536	+0·011	−0·0044
1125	Cor. D.−37°No.8719	9·5*	61·37	5	13 25 54·06	...	+3·4453	+0·033	...
1126	Piazzi XIII. 119....	8*	68·40	2	13 26 0·23	...	+3·0870	+0·007	...
1127	C.P.D.−46°No.6408	9·5‡	66·22	4	13 26 48·58	...	+3·6005	+0·046	...
1128*	79 Virginis..... *ζ*	3·5	67·92	13	13 27 48·95	+0·06	+3·0712	+0·006	−0·0207
1129	Lacaille 5589.....	6·5*	68·29	3	13 28 4·99	...	+3·9763	+0·086	...
1130	80 Virginis.....	5·9	69·16	1	13 28 30·08	0·00	+3·1135	+0·009	−0·0006
1131	C.P.D.−37°No.5712	9·5*	61·33	5	13 29 45·21	...	+3·4686	+0·033	...
1132	C.P.D.−37°No.5714	10*	61·38	5	13 29 48·96	...	+3·4700	+0·033	...
1133	Lacaille 5623.....	5·6	67·41	4	13 31 7·39	...	+3·3574	+0·024	...
1134†	Centauri..... *e*	2·6	67·20	3	13 31 21·33	+0·01	+3·7551	+0·058	−0·0049
1135	Piazzi XIII. 152....	7·3†	68·45	1	13 32 7·61	...	+3·1776	+0·012	...
1136	Piazzi XIII. 158....	8*	68·32	1	13 33 48·54	...	+3·1860	+0·013	...
1137*	82 Virginis..... *m*	5·3	67·93	10	13 34 31·80	+0·02	+3·1476	+0·011	−0·0080
1138	C.P.D.−38°No.5574	9·3*	61·33	4	13 36 7·96	...	+3·5116	+0·035	...
1139	Piazzi XIII. 171....	7·0*	68·44	1	13 36 30·60	...	+3·1064	+0·008	...
1140	Lacaille 5657.....	7·0*	68·52	2	13 36 57·29	...	+4·0945	+0·091	...
1141	C.P.D.−38°No.5582	8·9*	61·31	4	13 36 59·05	...	+3·5136	+0·035	...
1142	83 Virginis.....	5·8	65·11	4	13 37 13·12	0·00	+3·2247	+0·015	−0·0002
1143†	Centauri..... *M*	4·6	67·32	4	13 38 7·83	0·00	+3·7516	+0·054	+0·0011
1144	85 Virginis.....	6·7†	62·56	3	13 38 19·19	−0·01	+3·2220	+0·015	−0·0059
1145	86 Virginis.....	6·0	65·35	5	13 38 44·94	0·00	+3·1882	+0·013	−0·0028
1146	B.D. − 7° No. 3695	9·5†	65·14	4	13 38 51·68	...	+3·1450	+0·010	...
1147	C.G.A. 18738.....	7·5*	68·20	1	13 40 0·43	...	+4·0538	+0·084	...
1148	C.P.D.−39°No.6076	9·0*	61·36	4	13 40 8·15	...	+3·5353	+0·036	...
1149	Piazzi XIII. 192....	7·0*	68·34	2	13 40 22·35	...	+3·1319	+0·010	...
1150	C.P.D.−39°No.6178	8·6*	61·39	5	13 40 33·63	...	+3·5387	+0·036	...
1151	Centauri..... *ν*	3·5	67·44	3	13 41 25·14	...	+3·5700	+0·038	...
1152†	Centauri..... *μ*	3·3	68·19	1	13 41 29·89	+0·02	+3·5842	+0·039	−0·0051
1153*	89 Virginis.....	5·2	64·21	13	13 42 32·49	−0·01	+3·2540	+0·016	−0·0082
1154	Piazzi XIII. 213....	8·0*	68·53	1	13 43 27·62	...	+3·1430	+0·010	...
1155	B.D.−8° No. 3648..	9·2†	65·11	5	13 43 59·59	...	+3·1613	+0·011	...

1143. B.A.C. gives no letter.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1890.
			° ′ ″	″	″	″	″				
I121	68·32	1	−39 16 34·60	...	−18·686	+0·19	...	...	18426	7423	4518
I122	66·15	4	−46 50 24·90	...	−18·681	+0·20	...	...	...	...	...
I123	61·34	4	−37 17 45·10	...	−18·678	+0·19	...	...	...	...	...
I124	64·58	24	− 9 28 5·63	−0·01	−18·664	+0·18	−0·023	1786	18445	...	4521
I125	61·37	5	−37 19 28·76	...	−18·663	+0·19	...	...	...	...	...
I126	68·40	2	− 1 43 43·70	...	−18·660	+0·17	...	...	18447	...	4523
I127	66·22	5	−46 54 31·72	...	−18·633	+0·20	...	...	...	...	...
I128	65·57	21	+ 0 5 43·87	−0·03	−18·601	+0·18	+0·048	1789	...	7441	4532
I129	68·29	3	−60 59 46·64	...	−18·592	+0·23	...	5589	18492	7446	4533
I130	69·16	1	− 4 42 25·62	−0·40	−18·578	+0·18	+0·096	1790	18495	...	4535
I131	61·33	5	−37 50 52·13	...	−18·537	+0·20	...	...	...	...	...
I132	61·38	5	−37 55 46·79	...	−18·535	+0·20	...	...	...	...	...
I133	67·41	4	−28 52 11·61	...	−18·491	+0·20	...	5623	18554	7475	4548
I134	67·20	3	−52 46 43·02	+0·07	−18·483	+0·22	−0·031	5618	18559	7478	4549
I135	68·45	1	−11 24 12·36	...	−18·456	+0·19	...	...	...	...	4554
I136	68·32	1	−12 5 50·01	...	−18·398	+0·19	...	...	18600	...	4560
I137	67·93	10	− 8 1 13·30	−0·14	−18·374	+0·19	+0·047	1796	18613	7506	4565
I138	61·33	4	−38 54 41·75	...	−18·317	+0·22	...	...	...	...	...
I139	68·44	1	− 3 35 33·71	...	−18·303	+0·19	...	...	18658	...	4571
I140	68·52	2	−61 46 19·31	...	−18·287	+0·26	...	5657	18668	7528	4569
I141	61·31	4	−38 48 19·38	...	−18·286	+0·22	...	...	...	...	...
I142	65·11	4	−15 29 56·72	0·00	−18·277	+0·20	−0·007	1801	18673	...	4574
I143*	67·32	4	−50 45 14·27	+0·07	−18·245	+0·24	−0·032	5664	18700	7538	4580
I144	63·48	3	−15 5 15·89	−0·04	−18·238	+0·20	−0·029	1804	18702	...	4582
I145	65·35	5	−11 44 55·60	0·00	−18·222	+0·20	+0·013	1805	18711	...	4585
I146	65·14	5	− 7 25 57·06	...	−18·218	+0·20	...	...	...	...	...
I147	68·20	1	−60 4 37·11	...	−18·176	+0·26	...	...	18738	7550	4588
I148	61·36	4	−39 18 38·93	...	−18·171	+0·23	...	...	...	...	...
I149	68·34	2	− 6 1 46·21	...	−18·163	+0·20	...	...	18744	...	4593
I150	61·39	5	−39 24 18·47	...	−18·155	+0·23	...	...	...	...	...
I151	67·44	3	−41 0 48·70	...	−18·124	+0·23	...	5683	18772	7562	4601
I152	68·19	1	−41 47 58·02	+0·04	−18·120	+0·23	−0·013	5684	18773	7563	4602
I153	64·43	13	−17 27 36·73	−0·02	−18·080	+0·21	−0·030	1811	18793	...	4608
I154	68·53	1	− 6 55 33·02	...	−18·046	+0·21	...	...	18812	...	4619
I155	65·11	5	− 8 39 49·98	...	−18·025	+0·21	...	...	...	...	...

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α.
					h m s	s	s	s	s
1156	Lacaille 5711.....	6·1	68·53	1	13 44 58·50	...	+3·8482	+0·059	...
1157	4 Centauri..... h	4·9	67·87	2	13 45 26·86	+0·01	+3·4324	+0·027	−0·0031
1158	Centauri..... y	5·7	68·45	1	13 45 39·82	...	+3·4885	+0·031	...
1159	Lacaille 5742.....	6·6	68·40	1	13 46 38·49	...	+3·3897	+0·024	...
1160†	Centauri..... ζ	2·8	67·52	2	13 47 7·91	+0·02	+3·7095	+0·047	−0·0090
1161	C.Z. XIII. 2975.....	9·5*	61·34	4	13 47 44·04	...	+3·5837	+0·037	...
1162*	90 Virginis..... p	5·3	68·39	1	13 47 46·30	+0·02	+3·0809	+0·007	−0·0073
1163‡	8 Boötis..... η	2·9	67·67	3	13 48 15·39	+0·01	+2·8617	−0·001	−0·0055
1164	C.P.D. −40°No.6368	8·9*	61·33	4	13 49 22·55	...	+3·5976	+0·037	...
1165†	Centauri..... ϕ	4·0	67·37	5	13 50 4·74	+0·01	+3·6174	+0·039	−0·0042
1166	C.P.D. −40°No.6376	9·5*	61·37	4	13 50 17·72	...	+3·6051	+0·038	...
1167	Centauri..... v^1	4·1	68·04	4	13 50 21·29	...	+3·6729	+0·043	...
1168	Piazzi XIII. 256 ...	8·3*	68·47	3	13 51 12·83	−0·02	+3·1978	+0·013	+0·0060*
1169	Piazzi XIII. 269 ...	6·8*	68·34	2	13 52 49·73	...	+3·1038	+0·009	...
1170†	Centauri..... β	0·8	64·53	18	13 54 19·50	0·00	+4·1674	+0·084	−0·0061
1171	C.P.D. −41°No.6612	9·3*	61·32	4	13 54 30·61	...	+3·6282	+0·038	...
1172	C.Z. XIII. 3387.....	8·5*	61·36	5	13 54 33·16	...	+3·6356	+0·039	...
1173*	93 Virginis..... τ	4·4	68·14	7	13 54 46·64	0·00	+3·0474	+0·006	−0·0002
1174	Lalande 25799.....	7·7†	65·10	5	13 56 19·94	...	+3·1876	+0·012	...
1175	W.B. XIII. 970.....	8·3†	65·13	4	13 56 41·87	...	+3·1943	+0·013	...
1176	Piazzi XIII. 287....	6·9*	68·42	3	13 57 12·65	+0·01	+3·1711	+0·012	−0·004
1177	Centauri..... χ	4·6	67·29	3	13 57 48·94	...	+3·6341	+0·038	...
1178	Lalande 25842.....	6·7*	68·45	1	13 57 52·93	...	+3·2568	+0·016	...
1179	Piazzi XIII. 290....	7·5†	68·53	1	13 57 55·39	...	+3·2386	+0·015	...
1180	Cor.D. −41°No.8466	9·6*	61·40	4	13 58 32·43	...	+3·6630	+0·039	...
1181†	49 Hydræ..... π	3·5	67·46	2	13 58 41·44	0·00	+3·3953	+0·023	+0·0015
1182†	5 Centauri..... θ	2·2	67·34	2	13 58 44·80	+0·11	+3·5480	+0·032	−0·0459
1183	94 Virginis.....	6·8†	67·05	9	13 59 9·09	+0·01	+3·1683	+0·012	−0·0032
1184	C.P.D. −41°No.6642	9·4*	61·48	5	13 59 28·23	...	+3·6638	+0·039	...
1185	95 Virginis.....	5·7	68·79	2	13 59 34·55	+0·05	+3·1736	+0·012	−0·0122
1186	C.Z. XIV. 66.....	9·5*	61·35	4	14 0 19·43	...	+3·6781	+0·040	...
1187	C.Z. XIV. 71.....	9·0*	61·35	4	14 0 24·70	...	+3·6749	+0·040	...
1188	Lacaille 5827.....	4·8	68·53	1	14 0 56·83	...	+3·9587	+0·061	...
1189	Piazzi XIII. 308.....	7·5*	65·11	5	14 1 15·32	...	+3·2055	+0·013	...
1190†	Apodis..... η	5·0	67·44	2	14 1 29·47	+0·04	+7·0564	+0·551	−0·015

1158. B.A.C. gives no letter.
1170. The separate observations are printed in the Appendix.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ.	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C 1850.
			° ′ ″	″	″	″	″				
1156	68·53	1	−52 42 17·65	...	−17·988	+0·26	...	5711	18849	7597	4625
1157	67·87	2	−31 15 32·59	0·00	−17·970	+0·23	0·000	1817*	18855	7599	4629
1158*	68·45	1	−34 59 46·58	...	−17·961	+0·23	...	5726	18863	7604	4631
1159	68·40	1	−27 54 4·30	...	−17·923	+0·23	...	5742	18890	7620	4636
1160	67·54	1	−46 37 19·31	+0·11	−17·904	+0·25	−0·043	5737	18897	7623	4638
1161	61·34	4	−40 11 27·16	...	−17·880	+0·24	...	...	...	...	...
1162	68·39	1	−10 50 14·86	+0·04	−17·879	+0·21	−0·013	1819	18910	...	4645
1163	62·67	3	+19 4 34·40	−0·81	−17·859	+0·20	−0·347	1821	...	7638	4648
1164	61·33	4	−40 33 33·47	...	−17·815	+0·25	...	...	...	...	...
1165	67·37	5	−41 26 22·28	+0·07	−17·786	+0·25	−0·031	5768	18960	7655	4653
1166	61·37	4	−40 44 6·65	...	−17·777	+0·25	...	...	...	...	...
1167	68·04	4	−44 8 33·25	...	−17·775	+0·25	...	5770	18968	7661	4654
1168	68·47	3	−11 23 40·37	+0·56	−17·740	+0·22	−0·160*	...	18984	...	4658
1169	68·34	2	−2 53 25·26	...	−17·673	+0·22	...	...	19016	...	4665
1170*	64·84	21	−59 43 10·56	−0·01	−17·611	+0·30	−0·049	5784	19043	7691	4669
1171	61·32	4	−40 57 53·33	...	−17·603	+0·26	...	...	...	...	...
1172	61·36	5	−41 20 2·07	...	−17·602	+0·26	...	...	...	...	...
1173	64·88	8	+2 11 57·65	0·00	−17·592	+0·22	−0·018	1829	...	7692	4672
1174	65·10	5	−10 4 46·89	...	−17·527	+0·23	...	...	...	...	...
1175	65·13	4	−10 37 19·93	...	−17·511	+0·23	...	...	...	...	...
1176	68·42	3	−18 36 27·49	0·00	−17·489	+0·23	0·00	...	19092	...	4680
1177	67·29	3	−40 31 51·72	...	−17·463	+0·27	...	5810	19107	7710	4681
1178	68·45	1	−15 41 15·43	...	−17·460	+0·24	...	...	19108	...	4682
1179	68·53	1	−14 12 23·62	...	−17·459	+0·24	...	...	...	...	4683
1180	61·40	4	−41 47 33·68	...	−17·432	+0·27	...	...	...	...	...
1181	67·46	2	−26 1 49·62	+0·36	−17·425	+0·25	−0·146	1832*	19128	7718	4685
1182	67·34	2	−85 42 17·57	+1·23	−17·422	+0·26	−0·524	1831*	19129	7719	4686
1183	67·25	19	−18 14 45·37	−0·03	−17·405	+0·24	+0·012	1833	19141	7724	4688
1184	61·48	5	−41 37 28·87	...	−17·392	+0·27	...	...	...	...	...
1185	68·79	2	−18 40 3·77	−0·06	−17·387	+0·24	+0·015	1834	19152	...	4690
1186	61·35	4	−42 7 46·84	...	−17·354	+0·27	...	...	...	...	...
1187	61·35	4	−41 57 18·03	...	−17·350	+0·27	...	...	...	...	...
1188	68·53	1	−52 47 36·76	...	−17·327	+0·30	...	5827	19179	7737	4695
1189	65·11	5	−11 11 10·65	...	−17·313	+0·24	...	...	19182	...	4697
1190	67·44	2	−80 22 15·61	+0·10	−17·303	+0·53	−0·04	5792	19197	7745	4692

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α.
					h m s	s	s	s .	s
1191	W.B. XIII. 1082 ...	9·0†	65·14	4	14 1 33·92	...	+3·2025	+0·013	...
1192*	Virginis 40 H.....	5·3	62·89	5	14 3 28·33	0·00	+3·2644	+0·016	−0·0010
1193	Piazzi XIV. 2.....	8·3*	68·37	2	14 3 53·59	...	+3·2161	+0·013	...
1194	Lalande 25983.....	8·8†	65·13	4	14 3 54·49	...	+3·2160	+0·013	...
1195	50 Hydræ	5·2	68·32	1	14 5 2·42	+0·01	+3·4198	+0·023	−0·0019
1196	97 Virginis	7·3*	68·42	2	14 5 21·96	−0·01	+3·1855	+0·012	+0·0019
1197	Octantis ..... δ	4·1	...	...	14 5 40	...	+8·7846	+0·992	−0·053*
1198*	98 Virginis..... κ	4·3	66·80	29	14 5 41·88	0·00	+3·1903	+0·012	−0·0010
1199	Apodis..... ε	5·3	67·42	1	14 6 14·46	...	+6·8408	+0·480	...
1200	C.P.D.–46° No.6697	9‡	66·03	5	14 7 5·54	...	+3·8219	+0·048	...
1201	Lacaille 5869	6·1	67·46	2	14 7 12·74	...	+3·4570	+0·025	...
1202	Bradley 1843.....	6·7*	68·53	1	14 7 19·64	+0·08	+3·1377	+0·010	−0·0225
1203	B.D. – 11° No. 3695.	9·5†	65·15	6	14 7 26·02	...	+3·2221	+0·014	...
1204	B.D. – 12° No. 4008.	9·1†	65·12	4	14 7 33·21	...	+3·2255	+0·014	...
1205	Piazzi XIV. 22.....	5·5	61·24	2	14 7 57·98	−0·01	+3·2962	+0·017	−0·0027†
1206	C.P.D.–46° No.6708	10‡	66·22	4	14 8 4·26	...	+3·8300	+0·048	...
1207	C.Z. XIV. 569	8·8*	61·36	4	14 8 5·36	...	+3·7249	+0·041	...
1208*	99 Virginis ..... ι	4·2	68·77	4	14 8 56·40	+0·01	+3·1389	+0·010	−0·0029
1209‡	16 Bootis..... α	0·0	66·39	18	14 9 30·18	+0·11	+2·8131	0·000	−0·0795
1210†	Lupi..... ι	3·9	67·47	2	14 10 46·60	0·00	+3·8051	+0·045	−0·0015
1211†	Centauri..... υ	4·4	68·28	2	14 10 55·22	+0·02	+4·1342	+0·070	−0·006
1212	Lalande 26150	6·2*	68·44	2	14 11 10·51	...	+3·3086	+0·017	...
1213	Lacaille 5892.....	5·9	68·40	1	14 11 21·57	+0·09	+3·4132	+0·022	−0·026†
1214	100 Virginis ..... λ	4·6	65·97	35	14 11 48·58	0·00	+3·2366	+0·014	−0·0025
1215	Lalande 26177	8·0†	65·13	5	14 12 14·45	...	+3·2416	+0·014	...
1216	Centauri..... ψ	4·2	67·29	4	14 12 21·45	...	+3·6274	+0·034	...
1217	102 Virginis ..... υ	5·2	68·39	1	14 12 35·19	+0·03	+3·0930	+0·009	−0·0088
1218	Piazzi XIV. 44.....	6·6*	68·32	1	14 12 47·75	+0·02	+3·1505	+0·011	−0·007
1219	W.B. XIV. 241.....	9·0†	65·13	5	14 14 36·67	...	+3·2447	+0·014	...
1220†	Centauri..... α	4·6	67·41	4	14 14 43·80	+0·01	+3·6702	+0·036	−0·0054
1221	103 Virginis.....	6·7	68·40	1	14 15 1·36	+0·02	+3·0898	+0·008	−0·0073
1222*	2 Libræ	6·3	66·82	10	14 16 10·07	0·00	+3·2188	+0·013	−0·0020
1223†	Lacaille 5929.....	5·4	61·24	2	14 17 6·97	−0·02	+3·4103	+0·021	−0·0065
1224	W.B. XIV. 293.....	7·7†	65·13	4	14 17 16·10	...	+3·2526	+0·015	...
1225	Lupi..... τ^1	4·6	67·44	3	14 17 29·29	...	+3·8166	+0·044	...

1211. B.A.C. gives no letter.
1217. υ^1 in B.A.C.
1220. B.A.C. gives no letter.
1221. υ^2 in B.A.C.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ.	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
1191	65·14	4	−10 55 18·44	...	−17·299	+0·24	...	...	...	...	...
1192	62·83	6	−15 39 45·62	−0·01	−17·215	+0·25	−0·003	...	19222	...	4700
1193	68·37	2	−11 18 45·38	...	−17·195	+0·25	...	...	19233	...	4702
1194	65·13	4	−11 48 38·42	...	−17·195	+0·25	...	...	...	...	...
1195	68·32	1	−26 37 28·63	+0·16	−17·144	+0·27	−0·047	1837*	19253	7764	4708
1196	68·42	2	− 9 15 49·05	+0·08	−17·129	+0·25	−0·023	1841	19261	...	4710
1197*	70·93	2	−83 2 41·50	+0·12	−17·115	+0·68	−0·02*	5802	19284	7780	4705
1198	66·83	36	− 9 38 36·89	−0·27	−17·114	+0·25	+0·150	1842	19272	7771	4716
1199	67·42	1	−79 28 54·16	...	−17·089	+0·53	...	5828	19289	7782	4712
1200	66·03	5	−46 48 19·21	...	−17·050	+0·30	...	...	...	...	...
1201	67·46	2	−28 38 56·68	...	−17·044	+0·27	...	5869	19299	7784	4719
1202	68·53	1	− 5 19 5·83	−0·35	−17·039	+0·25	+0·10	1843	19301	...	4720
1203	65·15	6	−12 0 0·96	...	−17·034	+0·25	...	...	...	...	...
1204	65·12	4	−12 15 9·43	...	−17·029	+0·26	...	...	...	...	...
1205*	61·24	2	−17 34 9·73	−0·06	−17·009	+0·26	−0·015†	...	19312	...	4722
1206	66·22	5	−46 55 15·99	...	−17·005	+0·30	...	...	...	...	...
1207	61·36	4	−42 38 40·42	...	−17·004	+0·29	...	...	...	...	...
1208	68·77	4	− 5 21 18·59	+1·57	−16·964	+0·25	−0·417	1846	19324	...	4727
1209	62·50	50	+19 53 16·73	−4·96	−16·938	+0·23	−1·984	1847	...	7795	4729
1210	67·47	2	−45 25 58·27	+0·03	−16·878	+0·31	−0·014	5881	19354	7806	4734
1211*	68·28	2	−55 45 44·19	+0·13	−16·871	+0·33	−0·04	5879	19358	7809	4735
1212	68·44	2	−18 5 22·37	...	−16·859	+0·27	...	...	19362	...	4739
1213*	68·40	1	−25 12 13·78	−1·12	−16·850	+0·28	+0·33†	5892	19366	7812	4740
1214	65·89	41	−12 44 52·33	−0·03	−16·829	+0·26	+0·029	1850	19372	7815	4743
1215	65·13	5	−13 5 8·50	...	−16·809	+0·26	...	...	...	...	...
1216	67·33	3	−37 15 45·10	...	−16·803	+0·29	...	5895	19387	7821	4745
1217*	68·39	1	− 1 38 22·43	+0·23	−16·792	+0·25	−0·068	1851	19392	...	4748
1218	68·32	1	− 6 7 21·13	+0·03	−16·782	+0·26	−0·01	...	19399	...	4750
1219	65·13	5	−13 7 6·96	...	−16·694	+0·27	...	...	...	...	...
1220*	67·41	4	−38 53 34·84	+0·10	−16·688	+0·30	−0·040	5911	19445	7841	4759
1221*	68·40	1	− 1 22 8·30	+0·02	−16·674	+0·26	−0·007	1858	19449	...	4762
1222	66·59	11	−11 5 44·67	+0·09	−16·618	+0·27	−0·055	1860	19475	...	4765
1223	61·24	2	−24 11 29·86	−0·12	−16·572	+0·29	−0·033	5929	19505	7861	4767
1224	65·13	4	−13 27 59·80	...	−16·564	+0·27	...	...	...	...	...
1225	67·44	3	−44 36 29·91	...	−16·554	+0·32	...	5928	19514	7864	4768

1197. Observed only S.P.
1205. Proper Motion from Newcomb's 1098 *Standard Stars.*
1213. Proper Motion from *Cincinnati Publications*, No. 12.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α.
					h m s	s	s	s	s
1226	Lupi..... τ^2	4·4	67·33	4	14 17 30·73	...	+3·8209	+0·044	...
1227	Lacaille 5930.....	6·9*	68·45	1	14 17 45·48	...	+3·7458	+0·039	...
1228	Piazzi XIV. 76.....	6·7*	68·33	3	14 17 59·03	+0·02	+3·2433	+0·014	−0·006
1229	Lacaille 5934.....	6·3*	68·25	3	14 18 30·86	...	+3·8457	+0·045	...
1230	C.P.D.−46°No.6808	8·5‡	66·15	4	14 19 26·72	...	+3·8843	+0·047	...
1231	Lalande 26376.....	7·0†	65·11	5	14 20 0·72	0·00	+3·2665	+0·015	−0·0150*
1232†	52 Hydræ.....	5·0	67·40	2	14 20 16·41	+0·01	+3·4958	+0·025	−0·0046
1233	C.P.D.−46°No.6812	8·5‡	66·03	5	14 20 17·39	...	+3·8897	+0·047	...
1234	104 Virginis.....	6·5*	68·39	2	14 20 19·37	+0·02	+3·1462	+0·011	−0·0064
1235	C.Z. XIV. 1366.....	9·0*	66·22	4	14 20 49·18	...	+3·8877	+0·047	...
1236	Piazzi XIV. 89.....	6·8*	68·42	1	14 21 19·48	+0·02	+3·2000	+0·012	−0·005
1237	W.B. XIV. 388.....	8·8†	65·15	5	14 22 9·15	...	+3.2717	+0·015	...
1238	Lalande 26453.....	7·3†	65·11	4	14 22 50·83	...	+3·2760	+0·015	...
1239	Piazzi XIV. 95.....	6·9*	68·48	2	14 22 58·66	...	+3·1218	+0·010	...
1240	Piazzi XIV. 98.....	7*	68·34	3	14 23 28·97	...	+3·1194	+0·010	...
1241	Lupi..... σ	4·6	67·29	4	14 23 32·57	...	+4·0012	+0·054	...
1242	Lacaille 5985.....	7·0*	67·47	3	14 25 21·46	...	+3·5810	+0·029	...
1243	Octantis..... z	6·5	65·95	91	14 25 31·07	+0·10	+21·897	+7·563	−0·108†
1244	Lacaille 5984.....	6·9*	68·32	1	14 25 35·37	...	+3·7740	+0·039	...
1245	C.G.A. 19729.....	8·8*	61·33	4	14 26 36·83	...	+3·8622	+0·044	...
1246†	Centauri..... η	2·5	67·29	1	14 26 56·66	+0·01	+3·7810	+0·039	−0·0043
1247	Lacaille 5995.....	5:3	68·28	2	14 27 29·77	...	+3·8928	+0·045	...
1248	Lupi..... ρ	4·0	67·30	3	14 28 49·40	...	+3·9967	+0·051	...
1249	Piazzi XIV. 127.....	6·6*	68·17	1	14 29 48·92	+0·19	+3·2407	+0·014	−0·059
1250†	Centauri..... α^2	0·3	...	37	14 30 26 ...	...	+4·5013	+0·088	−0·4831
1251†	Centauri..... α^1	2·8	...	5	14 30 27 . .	...	+4·5013	+0·088	−0·4831
1252†	Apodis..... α	3·8	67·54	3	14 31 14·96	+0·03	+7·0892	+0·425	−0·0102
1253†	Circini..... α	3·4	70·93	1	14 31 37·64	+0·21	+4·7855	+0·112	−0·0348
1254	Piazzi XIV. 137.....	6·9*	68·34	2	14 31 45·19	+0·01	+3·2165	+0·013	−0·002
1255†	Lupi..... α	2·5	67·31	1	14 32 58·20	+0·01	+3·9535	+0·047	−0·0033
1256	Centauri..... b	4·2	67·29	1	14 33 34·95	...	+3·7026	+0·033	...
1257	Piazzi XIV. 146.....	7*	68·16	1	14 34 43·13	0·00	+3·2444	+0·014	−0·001
1258†	Centauri..... c^1	3·8	67·52	3	14 35 24·55	+0·02	+3·6504	+0·030	−0·0093
1259*	107 Virginis..... μ	3:9	68·17	1	14 35 57·99	−0·02	+3·1467	+0·010	+0·0052
1260	Cape (1880) 8022...	8·5*	68·25	3	14 36 45·88	...	+4·3563	+0·072	...

1232. *l* in C.G.A.
1243. Letter *z* used at the Cape since 1836.
1250, 1251. The separate observations are printed in the Appendix.
1256, 1258. B.A.C. gives no letter.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
1226	67·83	4	−44 46 0·88	...	−16·552	+0·32	...	5927	19515	7866	4770
1227	68·45	1	−41 42 17·49	...	−16·540	+0·32	...	5930	19519	7867	4774
1228	68·33	3	−12 44 26·91	−0·03	−16·529	+0·28	+0·01	...	19524	...	4777
1229	68·25	3	−45 31 15·13	...	−16·502	+0·32	...	5934	19540	7875	4779
1230	65·95	6	−46 44 32·70	...	−16·456	+0·33	...	...	...	...	...
1231	65·11	4	−14 13 39·98	+0·01	−16·427	+0·28	−0·070*	...	...	...	...
1232*	67·40	2	−28 52 58·00	+0·07	−16·414	+0·30	−0·031	1862*	19577	7884	4784
1233	66·03	5	−46 46 53·35	...	−16·414	+0·33	...	...	...	...	...
1234	68·39	2	− 5 30 33·67	+0·19	−16·412	+0·27	−0·056	1863	19576	...	4786
1235	66·22	5	−46 37 17·61	...	−16·387	+0·33	...	...	...	...	...
1236	68·42	1	− 9 23 48·98	+0·10	−16·361	+0·28	−0·03	...	19594	...	4794
1237	65·15	5	−14 24 31·19	...	−16·320	+0·28	...	...	...	...	...
1238	65·11	4	−14 38 50·24	...	−16·284	+0·28	...	...	...	...	...
1239	68·48	2	− 3 38 36·46	...	−16·277	+0·27	...	...	19638	...	4799
1240	68·39	2	− 3 27 45·80	...	−16·252	+0·27	...	...	19658	...	4802
1241	67·29	4	−49 51 22·68	...	−16·248	+0·35	...	5964	19661	7913	4801
1242	67·47	3	−32 43 7·11	...	−16·155	+0·32	...	5985	19702	7922	...
1243*	65·50	82	−87 35 16·11	+0·03	−16·147	+1·90	−0·060†	5823	19776	7960	4790
1244	68·32	1	−41 30 10·05	...	−16·143	+0·33	...	5984	19710	7925	4807
1245	61·33	4	−44 42 44·72	...	−16·089	+0·34	...	...	19729	...	...
1246	67·29	1	−41 33 46·18	+0·07	−16·072	+0·34	−0·032	5993	19737	7935	4811
1247	68·28	2	−45 39 11·87	...	−16·043	+0·35	...	5995	19746	7941	4815
1248	67·30	4	−48 50 7·11	...	−15·974	+0·36	...	6003	19785	7952	4821
1249	68·17	1	−11 43 45·26	−1·24	−15·921	+0·29	+0·39	...	19808	...	4828
1250*	...	75	−60 16	...	−15·887	+0·41	+0·747	6017	19825	7964	4832
1251*	...	44	−60 16	...	−15·887	+0·41	+0·747	6014	19826	7965	4831
1252	67·54	3	−78 28 1·94	+0·08	−15·844	+0·64	−0·033	5980	19851	7979	4833
1253	70·92	2	−64 23 4·59	+1·43	−15·823	+0·44	−0·241	6012	19849	7975	4835
1254	68·34	2	− 9 58 10·75	−0·03	−15·817	+0·29	+0·01	...	19845	...	4837
1255	67·31	1	−46 48 21·33	+0·07	−15·752	+0·36	−0·029	6034	19873	7986	4839
1256*	67·30	2	−37 12 41·85	...	−15·718	+0·34	...	6048	19890	7994	4842
1257	68·16	1	−11 39 20·78	−0·03	−15·656	+0·30	+0·01	...	19912	...	4848
1258*	67·52	3	−34 35 25·27	+0·50	−15·618	+0·34	−0·201	6063	19931	8008	4852
1259	68·17	1	− 5 4 10·91	+0·99	−15·588	+0·30	−0·313	1880	19941	8013	4858
1260	68·25	3	−56 39 46·67	...	−15·544	+0·41	...	...	...	8022	4856

1243. Proper Motion determined at the Cape.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α.
					h m s	s	s	s	s
1261	C.Z. XIV. 2395.....	8·5*	61·35	4	14 36 53·82	...	+3·9266	+0·044	...
1262	54 Hydræ.....	5·0	68·40	1	14 38 11·41	+0·05	+3·4666	+0·022	−0·0145
1263	5 Libræ *seq*.....	6·6*	66·05	10	14 38 31·44	0·00	+3·2988	+0·015	−0·0028
1264	36 Bootis *seq*..... ϵ	2·7	66·00	3	14 39 5·58	0·00	+2·6240	0·000	−0·0043
1265	56 Hydræ.....	5·7	61·54	1	14 39 52·44	−0·01	+3·4821	+0·022	−0·0027
1266	57 Hydræ.....	6·1	68·42	1	14 40 4·07	*	+3·4927	+0·022	*
1267	Lacaille 6111.....	5·7	68·53	1	14 41 31·03	...	+3·4520	+0·021	...
1268	Octantis..... π^2	5·5	65·58	1	14 41 37·97	...	+9·6465	+0·917	...
1269	58 Hydræ.....	5·0	68·42	1	14 42 21·88	+0·07	+3·5229	+0·023	−0·0195
1270	Lupi..... o	4·4	67·31	1	14 42 50·66	...	+3·8857	+0·040	...
1271*	9 Libræ..... α	3·0	66·34	32	14 43 24·86	+0·01	+3·3142	+0·016	−0·0091
1272	C.Z. XIV. 2843.....	8·8*	61·35	4	14 44 3·81	...	+3·9829	+0·045	...
1273	10 Libræ.....	6·5*	68·18	2	14 44 17·08	+0·02	+3·3540	+0·017	−0·0048
1274	Lupi..... c	5·6	68·53	1	14 46 41·86	...	+4·2205	+0·058	...
1275	13 Libræ.....	5·9	68·96	5	14 47 3·36	+0·02	+3·2507	+0·013	−0·0061
1276†	Lacaille 6146.....	5·3	67·50	2	14 47 27·98	0·00	+3·6583	+0·028	+0·0017
1277	Lacaille 6161.....	7·0*	68·42	1	14 49 2·52	...	+3·5054	+0·022	...
1278*	15 Libræ.....	5·8	69·16	1	14 49 26·81	+0·01	+3·2449	+0·013	−0·0013
1279	Lacaille 6168.....	7·0	68·53	1	14 49 38·49	...	+3·4905	+0·021	...
1280†	Lupi..... β	2·7	67·31	2	14 49 42·43	+0·01	+3·9010	+0·039	−0·0065
1281	16 Libræ.....	4·5	68·43	3	14 50 8·19	+0·02	+3·1320	+0·010	−0·0061
1282†	Centauri..... κ	3·4	67·47	4	14 50 23·47	+0·01	+3·8743	+0·038	−0·0041
1283	59 Hydræ (mass)...	5·8	68·55	1	14 50 40·26	+0·02	+3·5360	+0·023	−0·0052
1284	17 Libræ.....	7·0†	68·28	2	14 50 54·45	+0·01	+3·2420	+0·013	−0·0041
1285	18 Libræ.....	6·2†	68·19	1	14 51 35·63	+0·03	+3·2424	+0·013	−0·0084
1286*	19 Libræ..... δ	Var.	68·45	9	14 53 45·77	+0·02	+3·2011	+0·012	−0·0065
1287	Lacaille 6198.....	5·5	67·56	3	14 54 44·05	...	+3·6515	+0·027	...
1288†	Lupi (mass)..... π	3·8	67·31	1	14 55 56·72	+0·01	+4·0511	+0·045	−0·0047
1289*	Scorpii 1 H..... γ	3·3	62·96	15	14 56 10·49	−0·02	+3·5005	+0·021	−0·0074
1290	Piazzi XIV. 262.....	7·5*	68·51	3	14 58 22·12	...	+3·4666	+0·019	...
1291	C.Z. XIV. 3785.....	9·0*	61·39	5	14 58 32·26	...	+4·0852	+0·046	...
1292‡	43 Boötis..... ψ	4·5	63·71	7	14 58 39·67	−0·02	+2·5833	+0·001	−0·0142
1293	Lacaille 6229.....	7·4*	67·54	2	14 58 56·04	...	+3·6689	+0·027	...
1294	21 Libræ..... ν	5·4	68·11	8	14 59 6·06	+0·02	+3·3373	+0·015	−0·0052
1295	22 Libræ.....	6·8†	68·27	3	14 59 17·01	+0·02	+3·3416	+0·015	−0·0078

1268. B.A.C. gives no letter.
1269. π in C.G.A.
1274. B.A.C. gives no letter.
1275. ξ^1 in B.A.C. and C.G.A.
1278. ξ^2 in B.A.C. and C.G.A.
1279. 14 Libræ in B.A.C.
1289. Fundamental Star for Southern Zones.
20 Libræ in B.A.C., σ in C.G.A.
1294. ν^1 in B.A.C.
1295. ν^2 in B.A.C.

No.	Mean Date 1800·0.	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
1261	61·35	4	−45 18 20·40	...	−15·536	+0·37	...	...	...	...	...
1262	68·40	1	−24 52 4·54	+0·35	−15·464	+0·33	−0·102	1881*	19997	8035	4865
1263	66·05	10	−14 53 18·33	−0·01	−15·446	+0·31	+0·006	1882	20008	...	4868
1264	64·50	2	+27 38 42·44	0·00	−15·414	+0·25	+0·001	1890	...	8039	4876
1265	61·54	2	−25 31 9·48	−0·10	−15·371	+0·33	−0·030	1886*	20044	8051	4880
1266*	68·42	1	−26 4 43·17	+0·10	−15·359	+0·33	−0·028	1887*	20048	8053	4882
1277	68·53	1	−23 41 14·27	...	−15·278	+0·33	...	6111	20080	8066	4888
1268*	65·58	1	−82 29 25·46	...	−15·271	+0·92	...	6009	20104	8083	4883
1269*	68·42	1	−27 23 46·00	+0·19	−15·229	+0·34	−0·056	1892*	20100	8074	4891
1270	67·31	1	−43 0 50·92	...	−15·202	+0·38	...	6114	20109	8078	4892
1271	63·82	99	−15 28 43·17	−0·08	−15·169	+0·32	−0·066	1894	20119	8084	4895
1272	61·35	4	−46 4 21·99	...	−15·132	+0·39	...	...	...	...	...
1273	68·18	2	−17 47 46·53	−0·04	−15·119	+0·33	+0·014	1896	20130	...	4900
1274*	68·53	1	−52 15 32·14	...	−14·980	+0·41	...	6132	20189	8118	4914
1275*	68·86	6	−11 20 43·78	+0·04	−14·959	+0·32	−0·011	1901	20193	...	4915
1276	67·50	2	−33 18 17·86	+0·03	−14·935	+0·36	−0·012	6146	20203	8121	4916
1277	68·42	1	−25 44 12·43	...	−14·843	+0·35	...	6161	20243	8134	4920
1278*	69·16	1	−10 51 44·83	−0·05	−14·818	+0·33	+0·013	1903	20249	8137	4922
1279*	68·53	1	−24 53 44·44	...	−14·808	+0·35	...	6168	20260	8141	4925
1280	67·33	4	−42 35 15·66	+0·14	−14·804	+0·39	−0·058	6160	20263	8143	4924
1281	68·43	3	− 3 47 40·86	+0·53	−14·778	+0·32	−0·155	1905	20276	8148	4927
1282	67·47	4	−41 33 35·06	+0·04	−14·764	+0·39	−0·018	6170	20286	8152	4928
1283	68·55	1	−27 6 47·26	+0·17	−14·747	+0·36	−0·049	1904*	20295	8156	4930
1284	68·25	3	−10 36 37·39	0·00	−14·730	+0·33	−0·001	1907	20301	...	4932
1285	68·18	2	−10 35 57·45	+0·23	−14·692	+0·33	−0·072	1909	20318	...	4935
1286*	68·45	9	− 7 58 51·84	−0·01	−14·562	+0·33	+0·003	1911	20363	...	4939
1287	67·56	3	−32 6 30·40	...	−14·503	+0·37	...	6198	20392	8183	...
1288	67·33	3	−46 31 12·43	+0·08	−14·431	+0·42	−0·034	6201	20428	8191	4948
1289*	63·02	14	−24 44 56·83	−0·10	−14·416	+0·36	−0·051	1913*	20431	8192	4950
1290	68·51	3	−22 47 45·79	...	−14·282	+0·36	...	...	20482	...	4964
1291	61·39	5	−47 9 52·16	...	−14·272	+0·42	...	...	...	...	...
1292	63·17	6	+27 28 32·52	0·00	−14·264	+0·27	−0·002	1922	...	8212	4969
1293	67·54	2	−32 23 7·14	...	−14·247	+0·38	...	6229	20495	8218	...
1294*	68·13	9	−15 43 51·74	+0·09	−14·237	+0·35	−0·030	1919	20498	...	4970
1295*	68·27	3	−15 57 32·94	+0·04	−14·225	+0·35	−0·012	1920	20504	...	4971

1266. Auwers considers Bradley's R.A. $^{s.}_{1}$ in error and that there is no Proper Motion in R.A.

1286. Limits of Magnitude 5·0–6·2. Period $^{d.\ h.\ m.\ s.}_{2\ 7\ 51\ 22\cdot8}$ *Algol*-type.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
1296	Lupi.....*	4·3	67·44	3	14 59 45·89	0·00	+4·0985	+0·042	0·000*
1297	Lacaille 6222	5·3	68·44	1	15 1 25·36	...	+5·6252	+0·157	...
1298	Lacaille 6250	6·8*	68·45	2	15 1 59·23	...	+3·4859	+0·020	...
1299†	Lupi.....ζ	3·5	67·31	1	15 2 36·53	+0·03	+4·2775	+0·055	−0·0149
1300	C.P.D.–47° No. 6961	9·5‡	61·41	5	15 4 15·53	...	+4·1248	+0·046	...
1301*	24 Libræ..... ι	4·9	63·98	31	15 4 31·91	0·00	+3·4092	+0·017	−0·0048
1302	✳.....	9‡	61·46	4	15 5 22·44	...	+4·1287	+0·046	...
1303†	Trianguli Aust. ....γ	3·0	68·66	3	15 6 20·97	+0·05	+5·4975	+0·140	−0·0137
1304	Lacaille 6270.....	6·5*	61·41	5	15 6 31·14	...	+4·1352	+0·046	...
1305†	Circini.....β	4·0	68·53	1	15 6 58·14	+0·06	+4·6483	+0·075	−0·0157
1306	C.P.D.–47° No. 6998	7·5‡	61·50	5	15 7 16·14	...	+4·1468	+0·046	...
1307	Lacaille 6272	5·4	68·32	2	15 7 58·56	...	+4·7653	+0·082	...
1308*	27 Libræ..... β	2·7	65·93	28	15 9 44·74	+0·01	+3·2260	+0·012	−0·0079
1309	Piazzi XV. 32	7·5*	68·16	1	15 12 5·57	0·00	+3·2233	+0·012	0·000
1310†	Lupi..... δ	3·4	67·50	1	15 12 31·26	+0·01	+3·9121	+0·034	−0·0031
1311	Octantis ..... ρ	5·7	68·38	34	15 12 40·58	−0·27	+12·558	+1·367	+0·081†
1312	29 Libræ..... o	6·0	68·42	1	15 13 28·84	0·00	+3·3410	+0·014	+0·0007
1313	Lupi.....ϕ	4·7	67·48	4	15 14 32·44	...	+3·8111	+0·030	...
1314	30 Libræ	7·0*	69·84	2	15 15 30·23	+0·01	+3·3353	+0·014	−0·0025
1315	Piazzi XV. 54	6·2*	68·46	1	15 16 28·02	+0·02	+3·2848	+0·013	−0·005
1316*	8 Serpentis	6·1	68·55	1	15 16 46·26	−0·01	+3·0816	+0·009	+0·0032
1317†	Apodis ..... κ^1	5·6	68·32	2	15 16 52·41	+0·01	+6·3661	+0·207	−0·003
1318	31 Libræ..... ϵ	5·2	68·60	4	15 16 52·99	+0·03	+3·2476	+0·012	−0·0077
1319	C.P.D.–48° No. 7482	8‡	61·43	5	15 17 26·34	...	+4·2129	+0·046	...
1320	Lacaille 6373	6·9*	68·53	1	15 18 37·37	...	+4·3359	+0·052	...
1321	B.D. + 45° No. 2282	9·3†	62·22	3	15 18 44·56	...	+2·0513	+0·002	...
1322	B.D. + 45° No. 2283	9·1†	62·16	4	15 18 49·81	...	+2·0469	+0·002	...
1323*	32 Libræ	6·2	66·21	15	15 20 38·84	0·00	+3·3712	+0·015	−0·0006
1324	Lacaille 6395	6·8*	68·53	1	15 20 47·13	...	+3·6273	+0·022	...
1325	34 Libræ.....	5·8	68·30	2	15 23 3·71	0·00	+3·3718	+0·015	−0·0006
1326	C.P.D.–48° No. 7610	9‡	61·45	4	15 23 39·65	...	+4·2571	+0·046	...
1327	C.P.D.–48° No. 7622	8·5‡	61·49	5	15 24 39·31	...	+4·2585	+0·046	...
1328	Lacaille 6407	7·6*	68·32	2	15 24 49·86	...	+4·6743	+0·066	...
1329	11 Serpentis ..... A^1	5·9	68·18	1	15 26 0·82	0·00	+3·0853	+0·009	−0·0007
1330†	Lupi.....γ	3·0	67·44	4	15 26 9·33	+0·01	+3·9728	+0·033	−0·0054

1296. λ in B.A.C. and C.G.A.; Auwers assigns this letter to 1360.
1301. ι^1 in B.A.C. 1312. o^1 in B.A.C. 1313. ϕ^2 in B.A.C.
1314. o^2 in B.A.C. 1323. ζ^1 in B.A.C. 1325. ζ^2 in B.A.C.
1329. B.A.C. gives no letter; *see* note to 1341.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
1296*	67·44	3	−44 45 27·27	+0·07	−14·196	+0·42	−0·03*	6232	20514	8225	4973
1297	68·44	1	−69 33 58·77	...	−14·093	+0·59	...	6222	20554	8242	4976
1298	68·45	2	−23 28 2·22	...	−14·058	+0·37	...	6250	20557	8243	4984
1299	67·31	1	−51 34 57·55	+0·16	−14·018	+0·45	−0·069	6245	20572	8253	4987
1300	61·41	5	−47 33 23·20	...	−13·916	+0·44	...	...	...	...	...
1301*	63·91	32	−19 16 42·04	−0·04	−13·898	+0·36	−0·035	1927	20601	8261	4995
1302	61·46	4	−47 31 26·07	...	−13·845	+0·44	...	...	...	...	...
1303	69·43	7	−68 10 36·60	+0·17	−13·783	+0·59	−0·038	6255	20657	8280	5005
1304	61·41	5	−47 34 4·47	...	−13·772	+0·44	...	6270	20655	8278	5010
1305	68·53	1	−58 17 37·07	+0·56	−13·744	+0·50	−0·158	6266	20668	8284	5011
1306	61·50	5	−47 47 16·86	...	−13·724	+0·45	...	...	...	...	...
1307	68·32	2	−59 59 47·78	...	−13·680	+0·51	...	6272	20695	8297	5021
1308	63·84	68	− 8 52 57·17	−0·02	−13·565	+0·35	−0·016	1934	20723	8313	5034
1309	68·16	1	− 8 39 2·72	+0·16	−13·413	+0·35	−0·05	...	20765	...	5043
1310	67·50	1	−40 9 22·13	+0·08	−13·386	+0·43	−0·031	6326	20779	8349	5046
1311*	68·18	23	−84 0 17·98	−0·26	−13·376	+1·37	+0·081†	6216	20818	8363	5037
1312*	68·42	2	−15 3 33·33	−0·13	−13·323	+0·37	+0·038	1939	20799	...	5057
1313*	67·48	4	−36 22 17·48	...	−13·252	+0·42	...	6349	20825	8361	5060
1314*	69·84	2	−14 38 58 58	−0·06	−13·190	+0·37	+0·013	1941	20835	8367	5063
1315	68·46	1	−11 53 6·24	+0·10	−13·126	+0·37	−0·03	...	20855	...	5070
1316	68·55	1	− 0 32 19·67	+0·09	−13·107	+0·35	−0·025	1945	20864	...	5073
1317	68·32	2	−72 54 57·96	+0·13	−13·100	+0·72	−0·04	6323	20878	8386	5068
1318	68·60	4	− 9 50 5·82	+0·55	−13·099	+0·36	−0·153	1944	20866	...	5074
1319	61·43	5	−48 21 13·67	...	−13·062	+0·47	...	...	...	...	...
1320	68·53	1	−51 7 24·77	...	−12·984	+0·48	...	6373	20910	8399	5080
1321	62·23	4	+45 2 31·07	...	−12·975	+0·23	...	...	...	...	...
1322	62·16	4	+45 9 19·27	...	−12·969	+0·23	...	...	...	...	...
1323*	66·04	18	−16 14 36·02	+0·04	−12·848	+0·38	−0·034	1949	20960	8414	5089
1324	68·53	1	−28 23 38·33	...	−12·839	+0·41	...	6395	20964	8417	5090
1325*	68·30	2	−16 8 37·02	+0·03	−12·684	+0·39	−0·010	1953	21014	...	5100
1326	61·44	5	−48 45 20·53	...	−12·621	+0·49	...	...	...	...	...
1327	61·49	5	−48 43 18·41	...	−12·577	+0·49	...	...	...	...	...
1328	68·32	2	−56 57 35·65	...	−12·564	+0·54	...	6407	21057	8452	5106
1329*	68·18	1	− 0 43 32·99	+0·15	−12·483	+0·36	−0·046	1959	...	...	5119
1330	67·44	4	−40 42 34·57	+0·09	−12·474	+0·46	−0·037	6422	21084	8464	5118

1311. Proper Motion determined at the Cape.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
1331*	37 Libræ	4·9	68·62	4	15 26 48·24	−0·07	+3·2495	+0·012	+0·0186
1332	Lacaille 6433	7·3*	68·55	1	15 27 6·85	...	+3·6446	+0·022	...
1333	✳	9‡	62·21	5	15 27 7·96	...	+2·0504	+0·003	...
1334‡	38 Libræ γ	4·0	67·49	22	15 27 58·71	−0·01	+3·3413	+0·014	+0·0029
1335	Lacaille 6442	7*	68·53	1	15 27 58·90	...	+3·6452	+0·022	...
1336†	Scorpii 3 H	3·9	62·03	2	15 28 50·17	−0·01	+3·6264	+0·021	−0·0029
1337	Lacaille 6431	6·4*	68·53	1	15 28 55·39	+0·05	+4·8630	+0·074	−0·015†
1338	Lupi ω	4·0	67·49	3	15 28 58·06	+0·05	+4·0278	+0·035	−0·019*
1339‡	5 Coronæ Borealis α	2·4	66·71	17	15 28 58·40	−0·01	+2·5295	+0·002	+0·0081
1340	Lacaille 6440	7·5*	68·44	1	15 29 34·96	...	+4·6705	+0·064	...
1341	14 Serpentis	6·8*	68·16	1	15 29 38·13	+0·01	+3·0741	+0·008	−0·0030
1342	B.D. +44° No. 2483	8·9†	62·22	4	15 29 59·49	...	+2·0486	+0·003	...
1343	Scorpii 4 H ε	3·9	67·59	1	15 30 22·28	+0·02	+3·6688	+0·022	−0·0060
1344	✳	8‡	62·25	1	15 30 48·11	...	+2·0546	+0·003	...
1345	Piazzi XV. 132	7·3*	68·46	1	15 30 57·75	+0·01	+3·3387	+0·013	−0·004
1346	Lupi g	4·5	67·47	4	15 31 55·32	+0·04	+4·1106	+0·037	−0·016*
1347	✳	9‡	62·22	3	15 33 29·46	...	+2·0470	+0·003	...
1348	43 Libræ κ	5·0	66·04	8	15 34 10·29	0·00	+3·4473	+0·016	−0·0046
1349	Piazzi XV. 150	8*	68·55	1	15 35 10·86	+0·04	+3·3728	+0·014	−0·011
1350	Lacaille 6487	7·3*	68·32	2	15 35 30 64	...	+4·7598	+0·065	...
1351	Bradley 1987	6·7*	68·53	1	15 35 50·90	0·00	+3·3538	+0·013	−0·001
1352*	44 Libræ η	5·5	68·46	1	15 36 28·96	+0·01	+3·3672	+0·014	−0·0041
1353‡	24 Serpentis α	2·7	66·41	32	15 37 37·24	−0·01	+2·9414	+0·006	+0·0078
1354	Lalande 28670	7·8*	68·42	1	15 37 47·93	...	+3·5629	+0·018	...
1355	Lalande 28758	8·2†	62·16	6	15 39 31·69	...	+2·0471	+0·003	...
1356	B.D. +30° No. 2703	9·3†	63·27	5	15 39 35·46	...	+2·4399	+0·002	...
1357	Lacaille 6520	5·9	68·53	1	15 39 53·46	...	+4·5140	+0·051	...
1358	30 Serpentis	5·5	68·52	2	15 41 52·72	+0·01	+3·1375	+0·009	−0·0042
1359	Trianguli Aust. κ	5·3	67·54	4	15 42 11·73	...	+5·8280	+0·124	...
1360†	5 Lupi λ	4·2	67·50	3	15 42 23·25	+0·01	+3·7943	+0·024	−0·0023
1361*	32 Serpentis μ	3·5	68·28	4	15 42 34·63	+0·02	+3·1302	+0·009	−0·0077
1362	1 Scorpii b	4·8	67·48	2	15 42 51·91	+0·01	+3·5952	+0·018	−0·0058
1363	Lacaille 6543	6·3	68·44	1	15 42 53·52	...	+4·3983	+0·045	...
1364†	Trianguli Aust. β	3·1	70·96	2	15 43 16·45	+0·18	+5·2438	+0·086	−0·0302
1365	Lacaille 6540	6·4*	68·19	1	15 43 29·04	...	+5·0154	+0·074	...

1336. 39 Libræ in B.A.C.; *v* in C.G.A.
1338. *ι* in B.A.C.
1341. A^1 in B.A.C.; *see* note to 1329.
1343. 40 Libræ in B.A.C.; *τ* in C.G.A.
1346. B.A.C. gives no letter.
1360. *χ* in B.A.C. and C.G.A.; *see* note to 1296.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
1331	68·62	4	− 9 35 58·75	+0·85	−12·430	+0·38	−0·236	1960	21096	...	5125
1332	68·55	1	−28 35 42·93	...	−12·408	+0·42	...	6433	21106	8472	5127
1333	62·21	5	+44 12 48·13	...	−12·407	+0·24	...	...	...	...	...
1334	67·58	21	−14 20 12·49	−0·05	−12·348	+0·39	+0·018	1964	21127	...	5134
1335	68·53	1	−28 32 47·65	...	−12·348	+0·42	...	6442	21131	8479	5133
1336*	62·03	2	−27 41 7·25	−0·04	−12·290	+0·42	−0·012	1966*	21146	8484	5138
1337*	68·53	1	−59 27 16·05	+0·92	−12·284	+0·57	−0·26†	6431	21155	8488	5137
1338*	67·43	5	−42 7 15·30	−0·27	−12·280	+0·47	+0·11*	6443	21153	8487	5139
1339	63·50	4	+27 10 15·99	−0·13	−12·280	+0·30	−0·086	1973	...	8483	5143
1340	68·44	1	−56 28 6 40	...	−12·238	+0·55	...	6440	21175	8495	5144
1341*	68·16	1	− 0 6 40·57	+0·04	−12·234	+0·36	−0·914	1971	21167	...	5148
1342	62·22	4	+43 58 55·21	...	−12·210	+0·24	...	...	...	...	...
1343*	67·60	2	−29 19 51·22	+0·09	−12·183	+0·43	−0·034	1970*	21186	8498	5151
1344*	62·25	1	+43 43 54·16	...	−12·153	+0·24	...	...	...	...	...
1345	68·46	1	−14 4 6·31	+0·24	−12·141	+0·39	−0·07	...	21200	...	5158
1346*	67·47	4	−44 12 39·86	+0·72	−12·075	+0·48	−0·29*	6464	21226	8513	5165
1347	62·22	3	+43 41 48·58	...	−11·965	+0·24	...	...	...	...	...
1348	66·43	7	−19 14 18·46	+0·14	−11·917	+0·41	−0·097	1981	21276	8532	5176
1349	65·55	1	−15 34 41·93	+0·18	−11·846	+0·40	−0·05	...	21305	...	5184
1350	68·32	2	−57 23 0·90	...	−11·822	+0·57	...	6487	21316	8547	5183
1351	68·53	1	−14 36 28·21	+0·29	−11·799	+0·40	−0·083	1987	21318	...	5188
1352	68·46	1	−15 14 20·43	+0·22	−11·754	+0·40	−0·064	1985	21327	...	5190
1353	62·75	24	+ 6 51 9 71	+0·12	−11·673	+0·35	+0·054	1990	...	8557	5196
1354	68·42	1	−24 17 17·95	...	−11·660	+0·43	...	...	21350	8559	5197
1355	62·17	5	+43 8 47·10	...	−11·537	+0·25	...	...	...	...	...
1356	63·27	4	+30 1 33·91	...	−11·533	+0·30	...	...	...	...	...
1357	68·53	1	−52 47 25·32	+0·21	−11·511	+0·54	−0·06*	6520	21399	8581	5209
1358	68·52	2	− 3 24 7·51	−0·07	−11·368	+0·38	+0·021	1999	21440	...	5226
1359	67·54	4	−68 11 44·52	...	−11·345	+0·71	...	6518	21460	8607	5224
1360*	67·50	3	−33 12 47·25	+0·08	−11·332	+0·46	−0·032	1998*	21454	8602	5227
1361	68·28	4	− 3 0 51·99	+0·07	−11·317	+0·38	−0·020	2001	21457	8604	5230
1362	67·48	2	−25 20 18·04	+0·09	−11·297	+0·44	−0·038	2000*	21469	8608	5232
1363	68·44	1	−50 12 22·17	...	−11·294	+0·53	...	6543	21472	8611	5231
1364	69·22	4	−63 0 35·29	+1·70	−11·268	+0·64	−0·404	6533	21484	8612	5233
1365	68·19	1	−60 20 12·92	...	−11·252	+0·61	...	6540	21487	8614	5235

1337. Proper Motion from *Cincinnati Publications*, No. 12.

1344. Originally estimated $9^m\cdot0$.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
1366	Lalande 28863	7·3†	63·30	4	15 43 50·65	...	+2·5768	+0·003	...
1367	Lacaille 6562	6·8*	68·55	1	15 43 53·05	...	+3·6983	+0·021	...
1368	36 Serpentis.....*b*	5·2	68·35	2	15 44 13·86	+0·03	+3·1239	+0·009	−0·0078
1369	45 Libræ.....λ	5·0	68·42	1	15 45 30·05	+0·01	+3·4720	+0·915	−0·0026
1370	46 Libræ.....θ	4·3	67·75	14	15 46 8·59	−0·02	+3·3988	+0·014	+0·0067
1371	Lalande 28961	8·0†	63·33	4	15 47 41·64	...	+2·7075	+0·004	...
1372†	5 Scorpii .....ρ	4·0	67·58	1	15 48 33·34	+0·01	+3·6899	+0·020	−0·0035
1373	W.B. (2) XV. 1207	8·8†	63·28	4	15 48 40·97	...	+2·6975	+0·004	...
1374	Piazzi XV. 210.....	7·8*	68·59	1	15 49 18·09	...	+3·5061	+0·016	...
1375	Lalande 29041	7·3†	63·36	5	15 50 25·88	...	+2·8141	+0·005	...
1376	Lacaille 6602.....	6·7*	68·44	1	15 50 36·25	...	+4·6375	+0·052	...
1377*	48 Libræ.....	4·8	68·75	9	15 50 38·00	+0·01	+3·3513	+0·012	−0·0026
1378	C.P.D.−50°No.8869	9‡	61·46	4	15 50 38·81	...	+4·4251	+0·043	...
1379†	6 Scorpii.....π	3·1	66·44	6	15 50 41·37	0·00	+3·6164	+0·018	−0·0030
1380	Lacaille 6595	6·7*	68·53	1	15 51 2·18	...	+5·2130	+0·079	...
1381	Lupi.....η	3·8	67·60	2	15 51 11·17	...	+3·9562	+0·027	...
1382	C.P.D.−50°No.8887	8‡	61·49	4	15 52 1·80	...	+4·4362	+0·043	...
1383*	7 Scorpii .....δ	2·5	64·38	14	15 52 21·31	0·00	+3·5360	+0·016	−0·0025
1384	49 Libræ	5·6	69·53	4	15 52 45·16	+0·21	+3·4007	+0·013	−0·0474
1385	W.B. XV. 1003.....	8·7†	63·30	5	15 53 23·12	...	+2·9258	+0·006	...
1386	C.P.D.−50°No.8949	10‡	61·51	5	15 56 33·71	...	+4·4637	+0·043	...
1387	C.P.D.−50°No.8952	8·5‡	61·52	4	15 56 44·75	...	+4·4606	+0·042	...
1388	Scorpii .....ξ	4·1	68·50	2	15 56 56·89	+0·02	+3·2953	+0·011	−0·0065
1389†	Normæ.....δ	4·8	67·59	1	15 56 57·73	+0·01	+4·2131	+0·034	−0·0026
1390	B.D.+2° No. 3038..	9·2†	63·27	5	15 57 33·80	...	+3·0183	+0·007	...
1391*	8 Scorpii *pr.*.....β	2·9	66·44	45	15 57 35·48	0·00	+3·4780	+0·014	−0·0023
1392	8 Scorpii *seq.*.....β	5·1	66·00	1	15 57 35·94	0·00	+3·4779	+0·014	−0·0023
1393†	Lupi.....θ	4·4	67·43	1	15 57 44·16	+0·01	+3·9217	+0·025	−0·0037
1394	C.P.D.−50°No.8966	9‡	61·47	4	15 58 1·27	...	+4·4750	+0·042	...
1395†	10 Scorpii.....ω^2	4·6	68·59	1	15 59 29·52	0·00	+3·5044	+0·015	+0·0013
1396	Lacaille 6702.....	5·8	67·54	4	15 59 54·21	...	+3·6357	+0·017	...
1397*	11 Scorpii.....	5·6	68·33	2	16 0 6·89	+0·02	+3·3263	+0·011	−0·0049
1398	Lacaille 6683.....	7·8*	68·44	1	16 0 32·37	...	+5·2138	+0·072	...
1399	Lacaille 6710.....	6·3*	68·22	1	16 0 40·14	...	+3·5720	+0·016	...
1400	Lacaille 6709.....	7·3*	68·54	2	16 0 58·05	...	+3·7609	+0·020	...

1383. Fundamental Star for Southern Zones.
1388. 51 Libræ in B.A.C.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for $\mu\delta$ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion $\mu\delta$	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
1366	63·30	4	+24 5 5·29	...	−11·226	+0·32	...	...	...	...	...
1367	68·55	1	−29 28 26·76	...	−11·223	+0·45	...	6562	21489	8615	5240
1368	68·35	2	− 2 40 46·66	+0·07	−11·198	+0·38	−0·021	2004	21496	...	5246
1369	68·42	1	−19 45 38·04	+0·04	−11·106	+0·43	−0·013	2007	21520	...	5251
1370	67·66	15	−16 19 49·08	−0·35	−11·058	+0·42	+0·131	2011	21534	...	5257
1371	63·33	4	−18 1 4·82	...	−10·945	+0·34	...	...	...	...	...
1372	67·58	1	−28 49 2·77	+0·06	−10·882	+0·46	−0·025	2017*	21592	8659	5272
1373	63·28	4	+18 26 16·97	...	−10·873	+0·34	...	...	...	...	...
1374	68·59	1	−21 5 22·39	...	−10·827	+0·43	...	...	21609	...	5278
1375	63·36	5	+12 52 19·08	...	−10·744	+0·35	...	...	...	...	...
1376	68·44	1	−54 11 19·95	...	−10·731	+0·58	...	6602	21640	8679	5283
1377	68·72	10	−13 53 13·82	+0·03	−10·729	+0·42	−0·008	2022	21634	...	5290
1378	61·46	4	−50 8 30·27	...	−10·728	+0·55	...	...	...	...	...
1379	66·44	6	−25 43 20·55	+0·05	−10·725	+0·45	−0·037	2020*	21638	8676	5289
1380	68·53	1	−62 9 21·97	...	−10·699	+0·65	...	6595	21659	8690	5288
1381	67·60	2	−38 0 27·33	...	−10·688	+0·49	...	6619	21653	8684	5292
1382	61·47	5	−50 15 55·41	...	−10·625	+0·55	...	...	...	...	...
1383*	64·46	14	−22 14 4·29	−0·02	−10·602	+0·44	−0·030	2024	21685	8696	5303
1384	69·53	4	−16 8 0·40	+1·67	−10·572	+0·43	−0·368	2026	21692	...	5304
1385	63·30	6	+ 7 19 32·69	...	−10·525	+0·37	...	...	...	...	...
1386	61·51	5	−50 29 3·87	...	−10·287	+0·56	...	...	...	...	...
1387	61·52	4	−50 24 40·00	...	−10·273	+0·56	...	...	...	...	...
1388*	68·50	2	−10 59 53·66	+0·07	−10·258	+0·42	−0·019	2033	21786	...	5324
1389	67·60	2	−44 48 11·91	+0·01	−10·257	+0·53	−0·004	6664	21792	8737	5323
1390	63·27	5	+ 2 40 20·97	...	−10·211	+0·38	...	...	...	...	...
1391	64·12	66	−19 25 59·37	−0·02	−10·210	+0·44	−0·018	2034	21805	8743	5329
1392	66·00	3	−19 25 46·72	+0·02	−10·209	+0·44	−0·018	...	21806	...	5330
1393	67·43	1	−36 25 53·99	+0·09	−10·199	+0·50	−0·037	6678	21810	8745	5331
1394	61·47	4	−50 36 35·47	...	−10·177	+0·56	...	...	...	...	...
1395	68·59	1	−20 30 5·00	+0·19	−10·067	+0·45	−0·054	2040	21849	8764	5342
1396	67·54	4	−25 57 43·53	...	−10·035	+0·46	...	6702	21860	8769	5347
1397	68·33	2	−12 22 45·86	+0·08	−10·019	+0·42	−0·025	2042	21863	...	5351
1398	68·44	1	−61 34 12·47	...	− 9·987	+0·67	...	6683	21873	8775	5350
1399	68·22	1	−23 19 19·82	...	− 9·977	+0·46	...	6710	21871	8773	5354
1400	68·54	2	−30 41 23·15	...	− 9·954	+0·48	...	6709	21877	8778	5356

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α.
					h m s	s	s	s	s
1401	B.D. — 9° No. 4313	9·2†	63·28	4	16 2 32·09	...	+3·2681	+0·010	...
1402	Lacaille 6725	5·1	67·58	5	16 2 39·13	+0·02	+3·7196	+0·019	−0·009*
1403	Piazzi XVI.3 (mass)	7·3	64·23	1	16 4 8·07	0·00	+3·4772	+0·014	−0·001
1404	14 Scorpii (mass) ν	4·2	65·77	19	16 4 9·21	0·00	+3·4773	+0·014	−0·0028
1405	15 Scorpii ..... ψ	4·8	63·33	4	16 4 37·38	−0·01	+3·2725	+0·010	−0·0035
1406	B.D.—12° No. 4448	9·0†	63·32	4	16 5 24·17	...	+3·3394	+0·011	...
1407	B.D.—15° No. 4271	9·0†	63·37	6	16 6 7·96	...	+3·4082	+0·012	...
1408	17 Scorpii ..... χ	5·6	68·25	1	16 6 23·16	+0·01	+3·3111	+0·011	−0·0028
1409	B.D.—18° No. 4247	8·5†	63·29	4	16 6 23·69	...	+3·4652	+0·013	...
1410*	1 Ophiuchi..... δ	2·8	66·91	32	16 7 16·42	+0·01	+3·1409	+0·008	−0·0045
1411	18 Scorpii	5·7	68·22	1	16 8 17·33	−0·04	+3·2383	+0·009	+0·0112
1412	C.G.A. 22055	7·0*	63·35	5	16 9 1·77	...	+3·5255	+0·014	...
1413	Lacaille 6778	7·2*	68·53	1	16 9 55·88	...	+3·6947	+0·017	...
1414	C.P.D.–51° No.9305	8‡	61·42	4	16 10 1·73	...	+4·5446	+0·040	...
1415	C.P.D.–51° No.9340	8‡	61·50	4	16 10 46·32	...	+4·5420	+0·040	...
1416	Lacaille 6788	5·8	67·44	5	16 11 0·68	−0·01	+3·7744	+0·019	+0·006*
1417*	2 Ophiuchi..... ϵ	3·4	68·33	2	16 11 10·85	−0·01	+3·1627	+0·008	+0·0036
1418	C.G.A. 22116.....	8·7*	63·35	4	16 11 10·92	...	+3·6374	+0·016	...
1419	Lacaille 6545	6·0	65·53	17	16 11 22·40	0·00	+20·496	+2·466	−0·003†
1420	C.P.D.–51° No.9388	8·5‡	61·51	4	16 11 45·89	...	+4·5547	+0·040	...
1421	C.G.A. 22129.....	8·5*	63·28	4	16 12 3·00	...	+3·6356	+0·016	...
1422	C.G.A. 22156.....	7·4*	68·44	1	16 12 41·58	...	+5·0024	+0·056	...
1423†	Apodis..... γ	3·9	66·85	15	16 12 51·11	+0·08	+8·9838	+0·328	−0·0459
1424†	20 Scorpii..... σ	3·0	63·05	23	16 12 59·23	−0·01	+3·6355	+0·016	−0·0027
1425	C.Z. XVI. 976.....	9·0*	61·42	4	16 13 2·88	...	+4·5560	+0·039	...
1426	Lacaille 6801	7·2*	63·37	5	16 13 13·61	...	+3·5885	+0·015	...
1427	C.Z. XVI. 1099.....	9·0*	61·51	4	16 15 0·05	...	+4·5645	+0·039	...
1428	Trianguli Aust..... ι	5·3	67·55	4	16 15 26·37	...	+5·5055	+0·074	...
1429*	4 Ophiuchi..... ψ	4·6	67·57	8	16 16 12·42	+0·01	+3·5029	+0·013	−0·0032
1430	C.Z. XVI. 1229.....	9·0*	61·50	4	16 16 42·14	...	+4·5833	+0·039	...
1431	Lacaille 6832	8*	63·28	4	16 17 2·32	...	+3·8617	+0·020	...
1432	Lacaille 6834	7·5*	68·55	1	16 17 5·54	...	+3·8070	+0·018	...
1433	5 Ophiuchi(N.*). ρ	5·5	68·42	1	16 17 29·67	+0·01	+3·5870	+0·014	−0·0032
1434	Lacaille 6827	6·6*	68·44	1	16 18 30·65	...	+4·9647	+0·051	...
1435	Cor.D.–34°No.11005	9·6*	63·32	4	16 18 41·75	...	+3·8932	+0·020	...

1419. Identical with Brisbane 5607.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
1401	63·28	4	− 9 33 4·20	...	−9·835	+0·42	...	...	...	...	...
1402	67·58	5	−29 3 24·51	+0·18	−9·826	+0·48	−0·07*	6725	21913	8793	5374
1403	64·23	1	−19 5 45·74	−0·02	−9·713	+0·45	−0·03	...	21953	...	5383
1404	65·88	17	−19 6 25·41	+0·01	−9·711	+0·45	−0·013	2055	21954	8809	5382
1405	63·33	4	− 9 42 42·09	−0·01	−9·676	+0·42	−0·007	2056	21962	...	5386
1406	63·32	4	−12 50 14·56	...	−9·616	+0·43	...	...	...	...	...
1407	63·37	5	−15 57 43·06	...	−9·559	+0·44	...	...	...	...	...
1408	68·25	1	−11 29 24·38	+0·01	−9·540	+0·43	−0·004	2059	21994	...	5401
1409	63·29	4	−18 29 9·04	...	−9·539	+0·45	...	...	...	...	...
1410	63·20	35	− 3 20 38·95	−0·25	−9·472	+0·41	−0·140	2065	22017	8838	5414
1411	68·22	1	− 8 0 33·01	+1·66	−9·393	+0·42	−0·514	2067	22036	...	5420
1412	63·35	4	−20 57 54·06	...	−9·335	+0·46	...	...	22055	...	...
1413	68·53	1	−27 42 20·01	...	−9·266	+0·48	...	6778	22077	8858	5430
1414	61·42	4	−51 9 7·64	...	−9·258	+0·59	...	...	...	...	...
1415	61·50	4	−51 3 8·47	...	−9·201	+0·59	...	...	...	...	...
1416	67·44	5	−30 34 32·31	+0·20	−9·181	+0·49	−0·08*	6788	22108	8869	5435
1417	68·33	2	− 4 21 37·26	−0·14	−9·169	+0·41	+0·041	2073	22111	...	5437
1418	63·35	4	−25 25 40·11	...	−9·169	+0·48	...	...	22116	...	...
1419*	65·13	25	−86 5 39·18	0·00	−9·154	+2·66	+0·014†	6545	22180	8914	5412
1420	61·51	4	−51 13 58·29	...	−9·123	+0·60	...	...	...	...	...
1421	63·28	4	−25 18 56·55	...	−9·101	+0·48	...	...	22129	...	...
1422	68·44	1	−58 16 49·30	...	−9·051	+0·65	...	...	22156	8888	5443
1423	67·31	10	−78 35 10·24	+0·17	−9·038	+1·18	−0·075	6727	22170	8896	5439
1424	63·32	23	−25 15 56·70	−0·04	−9·028	+0·48	−0·025	2077*	22158	8887	5447
1425	61·42	4	−51 10 42·99	...	−9·023	+0·60	...	...	...	...	...
1426	63·38	4	−23 22 52·96	...	−9·008	+0·47	...	6801	22161	8891	5449
1427	61·51	4	−51 13 8·45	...	−8·870	+0·60	...	...	...	...	...
1428	67·55	4	−63 44 45·96	...	−8·836	+0·73	...	6795	22212	8917	5454
1429	67·57	8	−19 43 5·95	+0·13	−8·776	+0·46	−0·049	2082	22219	...	5467
1430	61·50	4	−51 27 56·79	...	−8·736	+0·60	...	...	...	...	...
1431	63·28	4	−33 15 9·96	...	−8·710	+0·51	...	6832	22235	8928	...
1432	68·55	1	−31 23 19·04	...	−8·706	+0·50	...	6834	22237	8929	5471
1433	68·42	1	−23 7 58·75	+0·03	−8·673	+0·47	−0·009	2083	22250	...	5477
1434	68·44	1	−57 27 3·14	...	−8·593	+0·66	...	6827	22268	8940	5485
1435	63·32	4	−34 11 48·38	...	−8·579	+0·52	...	...	...	...	...

1419. Proper Motion determined at the Cape.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α.
					h m s	s	s	s	s
1436	Lacaille 6843.....	7·5*	68·53	1	16 19 3·03	...	+3·7419	+0·017	...
1437	7 Ophiuchi..... χ	5·0	69·32	1	16 19 12·09	+0·02	+3·4686	+0·012	−0·0038
1438	C.P.D.–38° No. 6414	10‡	63·36	5	16 20 38·16	...	+4·0271	+0·023	...
1439*	21 Scorpii (mass). α	1·1	66·50	46	16 21 8·02	0·00	+3·6678	+0·015	−0·0024
1440†	Scorpii..... N	4·5	67·63	2	16 22 34·03	+0·01	+3·9062	+0·020	−0·0049
1441	8 Ophiuchi..... φ	4·4	68·77	10	16 23 24·87	+0·02	+3·4292	+0·011	−0·0055
1442	C.Z. XVI. 1674.....	8·5*	63·27	5	16 23 48·21	...	+4·0628	+0·023	...
1443†	Apodis..... β	4·2	68·37	8	16 23 52·47	+0·32	+8·4585	+0·246	−0·096
1444	9 Ophiuchi..... ω	4·7	65·46	3	16 24 8·31	0·00	+3·5453	+0·013	+0·0001
1445	Lacaille 6875.....	7·5*	68·42	1	16 24 25·48	...	+3·8141	+0·017	...
1446	Piazzi XVI. 101.....	7·5*	68·40	2	16 24 56·53	...	+3·4158	+0·011	...
1447†	23 Scorpii..... τ	2·9	65·25	4	16 27 28·96	0·00	+3·7240	+0·015	−0·0030
1448	Trianguli Aust.... η′	6·0	67·51	4	16 27 29·26	...	+6·1186	+0·091	...
1449	Scorpii..... H	4·1	67·64	1	16 27 29·82	0·00	+3·9322	+0·019	0·000*
1450*	12 Ophiuchi.....	5·8	68·57	3	16 29 16·18	−0·10	+3·1158	+0·007	+0·0282
1451	Lacaille 6919.....	7·2	68·42	1	16 30 45·26	...	+3·7762	+0·016	...
1452	Brisbane 5787.....	7·2*	63·30	4	16 30 46·13	...	+4·2792	+0·026	...
1453	C.G.A. 22541.....	8·2*	63·33	4	16 31 32·98	...	+4·3600	+0·028	...
1454	Trianguli Aust.... η²	6·9*	68·44	1	16 33 1·23	...	+6·1221	+0·086	...
1455	C.P.D.–46° No. 8151	8‡	63·29	4	16 33 15·22	...	+4·3671	+0·027	...
1456	Piazzi XVI. 142.....	7·0*	68·55	1	16 33 28·83	0·00	+3·4709	+0·011	+0·001
1457*	24 Scorpii.....	5·2	68·21	10	16 33 46·10	+0·01	+3·4636	+0·011	−0·0036
1458	Bradley 2115.....	5·7	68·24	3	16 33 57·69	0·00	+3·5165	+0·011	−0·001
1459†	Trianguli Aust..... α	1·9	67·69	55	16 34 23·78	0·00	+6·2773	+0·091	+0·0010
1460	Lacaille 6950.....	6·8*	67·58	1	16 34 58·15	...	+3·8460	+0·016	...
1461‡	40 Herculis(mass) ζ	3·1	63·68	2	16 36 12·01	−0·05	+2·2964	+0·003	−0·0364
1462†	Aræ..... η	3·6	67·27	1	16 38 8·45	0·00	+5·1400	+0·046	+0·0003
1463	C.P.D.–48° No. 7964	8‡	63·30	6	16 38 25·73	...	+4·5041	+0·029	...
1464	25 Scorpii.....	6·4	68·61	1	16 38 35·43	−0·01	+3·6641	+0·013	+0·0019
1465†	26 Scorpii..... ε	2·3	67·45	4	16 41 25·26	+0·12	+3·9228	+0·016	−0·0501
1466	18 Ophiuchi.....	6·7*	68·55	1	16 41 31 54	+0·01	+3·6433	+0·012	−0·002
1467*	20 Ophiuchi.....	4·7	68·24	3	16 42 22·13	−0·01	+3·3067	+0·008	+0·0043
1468†	Scorpii..... μ^1	3·3	67·53	9	16 42 43·81	+0·01	+4·0512	+0·018	−0·0020
1469†	Scorpii..... μ^2	3·7	67·59	2	16 43 11·94	+0·01	+4·0508	+0·018	−0·0030
1470	C.P.D.–50° No.9741	7‡	63·31	4	16 43 50·11	...	+4·6099	+0·029	...

1440, 1449. B.A.C. gives no letter.
1457. B.A.C. assigns to Ophiuchus.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ.	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
1436	68·53	1	−28 58 46·55	...	−8·551	+0·50	...	6843	22274	8941	5487
1437	69·32	1	−18 8 49·14	+0·08	−8·539	+0·46	−0·018	2088	22280	...	5489
1438	63·36	5	−38 12 30·02	...	−8·425	+0·54	...	...	...	...	...
1439	63·18	119	−26 7 45·11	−0·04	−8·386	+0·49	−0·022	2091*	22314	8954	5498
1440*	67·63	2	−34 24 23·25	+0·07	−8·272	+0·52	−0·026	6859	22347	8963	5508
1441	69·06	8	−16 18 55·42	+0·11	−8·204	+0·46	−0·028	2094	22358	...	5516
1442	63·27	5	−39 3 30·86	...	−8·173	+0·54	...	...	...	...	...
1443	68·64	6	−77 13 39·77	+1·22	−8·168	+1·13	−0·335	6817	22393	8984	5510
1444	65·46	3	−21 10 28·25	−0·02	−8·147	+0·48	+0·047	2095	22374	...	5519
1445	68·42	1	−31 15 41·43	...	−8·124	+0·51	...	6875	22385	8979	5522
1446	68·40	2	−15 41 30·46	...	−8·082	+0·46	...	...	22405	...	5528
1447	65·25	4	−27 55 56·35	+0·01	−7·878	+0·50	−0·028	2103*	22451	8999	5539
1448	67·51	5	−68 1 18·08	...	−7·878	+0·83	...	6865	22459	9005	5536
1449*	67·64	1	−34 58 25·52	+0·11	−7·876	+0·53	−0·04*	6890	22454	9001	5538
1450	68·57	3	− 2 2 3·10	+1·12	−7·734	+0·42	−0·313	2108	22479	9011	5547
1451	68·42	1	−29 39 8·04	...	−7·614	+0·51	...	6919	22516	9025	5556
1452	63·30	4	−44 18 11·00	...	−7·613	+0·58	...	...	22524	...	...
1453	63·33	4	−46 7 3·06	...	−7·549	+0·59	...	...	22541	...	...
1454	68·44	1	−67 50 42·62	...	−7·430	+0·83	...	6900	22577	9057	5565
1455	63·29	4	−46 14 37·60	...	−7·411	+0·60	...	...	...	...	...
1456	68·55	1	−17 47 33·74	−0·07	−7·392	+0·47	+0·02	...	22578	...	5573
1457*	68·24	11	−17 28 40·00	−0·01	−7·369	+0·47	+0·002	2114	22588	9060	5579
1458	68·24	3	−19 39 44·33	−0·18	−7·353	+0·48	+0·057	2115	22592	...	5580
1459	68·25	28	−68 46 26·87	+0·15	−7·318	+0·86	−0·047	6911	22607	9070	5578
1460	67·58	1	−31 50 46·53	...	−7·271	+0·53	...	6950	22610	9069	5588
1461	64·00	1	+31 50 57·82	+0·40	−7·171	+0·32	+0·403	2127	...	9074	5604
1462	67·27	1	−58 47 42·62	+0·09	−7·013	+0·70	−0·041	6956	22672	9105	5609
1463	63·30	5	−48 48 35·58	...	−6·988	+0·62	...	...	...	...	...
1464	68·61	1	−25 16 46·89	+0·11	−6·974	+0·50	−0·03	2126*	22675	9106	5614
1465	67·46	5	−34 2 40·79	+0·67	−6·743	+0·54	−0·271	2132*	22731	9123	5632
1466	68·55	1	−24 24 2·17	+0·07	−6·733	+0·50	−0·02	3245*	22733	9124	5633
1467	68·24	3	−10 32 27·90	+0·30	−6·664	+0·46	−0·092	2138	22751	...	5637
1468	67·54	8	−37 48 43·27	+0·08	−6·634	+0·55	−0·030	7006	22761	9132	5638
1469	67·59	2	−37 47 2·44	+0·09	−6·595	+0·56	−0·033	7009	22778	9141	5640
1470	63·31	5	−50 35 6·75	...	−6·543	+0·64	...	...	...	...	...

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion. μ_α.
					h m s	s	s	s	s
1471	Lacaille 7003.....	7·3*	68·44	1	16 43 51·88	...	+4·9333	+0·037	...
1472	Scorpii..... ζ^1	5·0	67·60	4	16 44 28·67	...	+4·2164	+0·021	...
1473	C.P.D.–51°No.10054	10‡	63·35	5	16 44 33·47	...	+4·6353	+0·029	...
1474	Lacaille 7017.....	6·6*	68·53	1	16 44 33·96	...	+4·1945	+0·020	...
1475	Piazzi XVI. 214.....	6·6	68·57	1	16 45 27·10	+0·01	+3·5378	+0·010	−0·004
1476	C.Z. XVI. 3318.....	8·9*	63·37	5	16 45 56·70	...	+4·6722	+0·030	...
1477	Lacaille 7046.....	7·7*	68·61	1	16 46 27·50	...	+3·7936	+0·013	...
1478	23 Ophiuchi.....	5·6	68·25	1	16 47 22·91	+0·01	+3·2040	+0·007	−0·0044
1479	C.Z. XVI. 3457.....	9·0*	63·38	5	16 47 46·55	...	+4·6892	+0·029	...
1480	Piazzi XVI. 232.....	6·6‡	68·22	1	16 48 14·47	...	+3·4508	+0·009	...
1481	C.P.D.–52°No.10369	9‡	63·34	6	16 48 41·96	...	+4·7075	+0·029	...
1482†	Aræ..... ϵ^1	4·2	67·46	4	16 48 49·99	+0·01	+4·7583	+0·030	−0·0037
1483	Piazzi XVI.236 *seq.*	6·7*	68·25	1	16 49 8·07	0·00	+3·5186	+0·010	−0·001
1484	C.P.D.–52°No.10387	8‡	63·28	4	16 50 25·61	...	+4·7509	+0·030	...
1485‡	27 Ophiuchi..... κ	3·4	65·39	18	16 51 16·84	+0·01	+2·8563	+0·004	−0·0212
1486	Piazzi XVI. 250.....	9*	68·64	1	16 51 38·81	...	+3·4350	+0·008	...
1487	Aræ..... ϵ^2	5·4	67·64	1	16 52 22·11	+0·01	+4·7715	+0·029	−0·006*
1488	Lacaille 7072	5·9	68·53	1	16 52 55·59	...	+5·0825	+0·036	...
1489*	30 Ophiuchi	5·0	68·25	1	16 53 56·68	+0·02	+3·1621	+0·006	−0·0050
1490	29 Ophiuchi	6·8*	68·67	7	16 53 57·64	+0·02	+3·5055	+0·009	−0·0051
1491	28 Ophiuchi.....	6·8*	68·55	1	16 55 42·42	+0·01	+3·6848	+0·011	−0·003
1492	Scorpii..... k	5·0	67·49	5	16 55 56·67	+0·01	+3·9366	+0·014	−0·003*
1493	Piazzi XVI. 277.....	7·8*	68·24	2	16 57 4·78	...	+3·3198	+0·007	...
1494	Bradley 2162.....	6·6*	69·02	3	16 58 8·36	+0·02	+3·5764	+0·009	−0·0048
1495	Piazzi XVI. 289.....	5·6	68·63	2	16 58 34·99	...	+3·0879	+0·005	...
1496	Lacaille 7124.....	7·0*	68·53	1	16 59 34·59	...	+5·1256	+0·033	...
1497	Lalande 31166	7·3†	68·24	2	17 1 56·53	...	+3·5561	+0·009	...
1498†	Scorpii..... η	3·4	67·58	3	17 2 29·32	0·00	+4·2822	+0·017	+0·0006
1499*	35 Ophiuchi(mass)η	2·6	66·12	24	17 2 38·26	0·00	+3·4326	+0·007	+0·0005
1500	Piazzi XVI. 309	7·3*	68·55	1	17 3 3·52	0·00	+3·5560	+0·008	−0·0010*
1501	Lacaille 7088	6·0	67·18	4	17 6 16·79	+0·02	+11·0331	+0·264	−0·008*
1502	36 Ophiuchi..... *pr*	5·5	62·67	3	17 7 3·02	−0·09	+3·7182	+0·009	−0·0386
1503	36 Ophiuchi (mass)	4·7	68·61	1	17 7 2·64	+0·14	+3·7181	+0·009	−0·0386
1504	Lacaille 7191.....	6·2	68·64	1	17 7 14·22	...	+3·8252	+0·010	...
1505	Apodis..... ζ	4·7	67·48	6	17 7 53·83	...	+6·2361	+0·052	...

1492. B.A.C. gives no letter.
1503. A in B.A.C. and C.G.A.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
1471	68·44	1	−55 49 7·08	...	−6·540	+0·68	...	7003	22799	9151	5646
1472	67·62	6	−42 8 0·60	...	−6·489	+0·58	...	7016	22812	9160	5651
1473	63·34	4	−51 1 3·84	...	−6·484	+0·64	...	...	...	...	...
1474	68·53	1	−41 34 39·42	...	−6·482	+0·58	...	7017	22814	9162	5655
1475	68·57	1	−20 11 12·38	+0·07	−6·409	+0·49	−0·02	...	22837	...	5663
1476	63·37	4	−51 36 42·89	...	−6·368	+0·65	...	...	...	...	...
1477	68·61	1	−29 37 43·11	...	−6·326	+0·53	...	7046	22871	9189	5676
1478	68·25	1	− 5 55 45·38	+0·16	−6·249	+0·45	−0·05	2146	22901	...	5688
1479	63·37	6	−51 49 53·19	...	−6·217	+0·65	...	...	...	...	...
1480	67·28	2	−16 35 17·49	...	−6·176	+0·48	...	...	22925	...	5695
1481	63·33	5	−52 6 5·28	...	−6·140	+0·66	...	...	...	...	...
1482	67·46	4	−52 56 54·18	−0·01	−6·128	+0·66	+0·005	7050	22941	9220	5697
1483	68·25	1	−19 19 22·50	−0·03	−6·103	+0·49	+0·01	...	22944	...	5700
1484	63·28	4	−52 46 7·52	...	−5·995	+0·66	...	...	...	...	...
1485	64·19	16	+ 9 35 14·65	0·00	−5·923	+0·40	+0·002	2156	...	9236	5708
1486	68·64	1	−15 51 18·63	...	−5·893	+0·48	...	...	23001	...	5710
1487	67·64	1	−53 1 47·40	+0·42	−5·833	+0·67	−0·16*	7073	23018	9246	5713
1488	68·53	1	−57 30 44·73	...	−5·785	+0·71	...	7072	23034	9256	5715
1489	68·25	1	− 4 1 1·51	+0·25	−5·700	+0·44	−0·077	2159	23051	...	5724
1490	68·67	7	−18 41 1·30	−0·01	−5·699	+0·49	+0·004	2158	23054	...	5723
1491	68·55	1	−25 30 9·79	0·00	−5·553	+0·52	0·00	3247	23092	9282	5733
1492*	67·49	5	−33 55 45·50	+0·12	−5·532	+0·55	−0·05*	7109	23098	9284	5735
1493	68·24	2	−10 53 44·55	...	−5·437	+0·47	...	...	23122	9294	5748
1494	69·02	3	−21 22 27·53	+0·39	−5·348	+0·51	−0·098	2162	23147	9306	5758
1495	68·63	2	− 0 42 15·48	...	−5·310	+0·44	...	...	23153	...	5760
1496	68·53	1	−57 50 51·91	...	−5·226	+0·72	...	7124	23176	9318	5764
1497	68·24	2	−20 30 13·79	...	−5·026	+0·50	...	...	...	...	...
1498	67·58	3	−43 3 25·43	+0·75	−4·980	+0·61	−0·289	7155	23250	9345	5778
1499	66·06	22	−15 33 16·25	−0·11	−4·968	+0·49	+0·100	2171	23251	9344	5781
1500	68·55	1	−20 28 39·40	+0·53	−4·931	+0·50	−0·150*	...	23258	...	5784
1501	67·81	8	−80 43 23·10	+0·17	−4 659	+1·57	−0·06*	7088	23360	9393	5794
1502	62·67	3	−26 24 1·08	−2·65	−4·592	+0·53	−1·138	...	23354	9382	...
1503*	68·61	1	−26 24 5·01	+4·11	−4·592	+0·53	−1·138	2176*	23354–5	9382–3	5808
1504	68·64	1	−30 3 4·43	...	−4·577	+0·55	...	7191	23356	9384	5809
1505	67·48	6	−67 37 25·54	...	−4·520	+0·89	...	7162	23378	9403	5810

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_a to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_a.
					h m s	s	s	s	s
1506	Lacaille 7183	7·1	68·54	2	17 7 57·79	...	+4·6277	+0·020	...
1507‡	64 Herculis *pr*.... *a*	Var.	63·83	23	17 8 29·61	0·00	+2·7338	+0·004	−0·0019
1508*	41 Ophiuchi	5·0	68·24	2	17 9 40·86	+0·01	+3·0787	+0·005	−0·0032
1509	Piazzi XVII. 43.....	6·0†	68·55	1	17 12 1·95	...	+3·4872	+0·007	...
1510*	40 Ophiuchi..... ξ	4·5	68·76	9	17 12 54·95	−0·06	+3·5736	+0·007	+0·0152
1511	53 Serpentis..... ν	4·4	66·69	5	17 13 14·20	0·00	+3·3673	+0·006	+0·0005
1512†	42 Ophiuchi..... θ	3·4	64·55	29	17 13 43·24	0·00	+3·6790	+0·008	−0·0024
1513†	Aræ..... γ	3·4	67·68	4	17 14 2·13	+0·01	+5·0327	+0·024	−0·0031
1514†	Aræ..... β	2·7	67·58	5	17 14 5·06	+0·01	+4·9711	+0·023	−0·0027
1515	Aræ..... κ	5·3	67·64	1	17 15 28·63	...	+4·6638	+0·018	...
1516	Lacaille 7270.....	8·5*	68·64	1	17 15 51·64	...	+3·7852	+0·009	...
1517	Bradley 2196.....	7·3*	61·24	1	17 16 51·26	0·00	+3·6600	+0·007	−0·0002
1518†	44 Ophiuchi.....	4·5	64·24	1	17 18 7·66	0·00	+3·6587	+0·007	−0·0025
1519†	45 Ophiuchi ..... *d*	4·4	61·88	8	17 18 44·20	0·00	+3·8236	+0·008	−0·0002
1520†	Aræ..... δ	3·8	67·49	4	17 18 55·17	+0·03	+5·4036	+0·026	−0·0104
1521*	Ophiuchi 27 H.....	4·6	68·59	1	17 19 28·20	+0·03	+3·1863	+0·005	−0·0077
1522	Lacaille 7281.	6·4*	68·54	2	17 19 55·01	...	+5·0847	+0·022	...
1523†	Aræ..... α	2·9	67·57	6	17 21 24·63	+0·01	+4·6299	+0·015	−0·0058
1524	Piazzi XVII. 114....	7·5*	68·58	2	17 22 43·73	...	+3·4386	+0·005	...
1525*	51 Ophiuchi.....	4·9	63·19	1	17 23 10·80	0·00	+3·6556	+0·007	−0·0020
1526	C.G.A. 23743.....	5·4	68·64	1	17 23 27·04	+0·03	+3·0939	+0·004	−0·0084†
1527	Piazzi XVII. 128...	7·0*	68·59	1	17 25 7·85	0·00	+3·4861	+0·005	0·000
1528†	Scorpii ..... θ	2·0	67·52	4	17 27 37·32	0·00	+4·3024	+0·010	−0·0016
1529‡	55 Ophiuchi..... α	2·2	64·56	27	17 28 40·16	0·00	+2·7745	+0·003	−0·0066
1530*	55 Serpentis..... ξ	3·7	66·68	11	17 29 51·48	+0·01	+3·4349	+0·005	−0·0048
1531	Piazzi XVII. 156...	6·8*	68·25	1	17 29 51·59	+0·01	+3·4393	+0·005	−0·003
1532	Aræ..... λ	4·9	68·57	2	17 29 58·44	...	+4·6147	+0·012	...
1533*	57 Ophiuchi..... μ	4·7	68·55	1	17 30 30·55	+0·01	+3·2592	+0·004	−0·0018
1534	Bradley 2219.....	6·8*	67·31	1	17 30 38·45	+0·01	+3·6032	+0·005	−0·0042
1535	Lacaille 7382.....	7*	67·58	5	17 31 13·34	0·00	+3·9048	+0·007	0·000*
1536	Piazzi XVII. 167...	6·8*	67·67	1	17 32 10·61	0·00	+3·9058	+0·007	0·000*
1537†	Pavonis..... η	3·5	67·69	3	17 32 29·23	+0·01	+5·8748	+0·023	−0·0055
1538†	Scorpii..... κ	2·6	67·58	3	17 33 9·01	+0·01	+4·1457	+0·008	−0·0032
1539*	56 Serpentis..... ο	4·4	66·61	3	17 33 49·78	+0·01	+3·3738	+0·004	−0·0068
1540	Piazzi XVII. 188...	7·5*	68·59	1	17 34 55·35	0·00	+3·4404	+0·004	−0·001

1510. Fundamental Star for Southern Zones.
1515. κ^1 in B.A.C.
1518. *b* in B.A.C. and C.G.A.
1525. Fundamental Star for Southern Zones. c^2 in B.A.C., *c* in C.G.A.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for $\mu\delta$ to 1865·0	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion $\mu\delta$	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″					
1506	68·54	2	−50 3 26·20	...	−4·514	+0·66	...	7183	23372	9395	5812
1507*	63·00	25	+14 32 48·05	+0·08	−4·470	+0·39	+0·041	2183	...	9396	5821
1508	68·24	2	− 0 17 24·63	+0·15	−4·368	+0·44	−0·046	2184	23414	...	5830
1509	68·55	1	−17 36 44·41	...	−4·167	+0·50	...	...	23460	...	5839
1510*	68·63	11	−20 57 53·55	+0·72	−4·091	+0·51	−0·197	2186	23481	...	5844
1511	66·69	5	−12 42 24·67	−0·06	−4·064	+0·48	+0·034	2190	23485	...	5845
1512	63·53	53	−24 51 40·94	−0·02	−4·023	+0·53	−0·017	2189*	23500	9452	5851
1513	67·67	5	−56 14 43·73	+0·03	−3·996	+0·72	−0·010	7233	23515	9457	5850
1514	67·58	5	−55 23 50·43	+0·06	−3·991	+0·71	−0·022	7237	23516	9459	5852
1515*	67·64	1	−50 30 20·06	...	−3·871	+0·67	...	7253	23549	9469	5859
1516	68·64	1	−28 31 22·48	...	−3·838	+0·54	...	7270	23560	9474	5861
1517	61·24	1	−24 7 1·24	+0·02	−3·755	+0·53	+0·004	2196*	23583	9483	5868
1518*	64·24	1	−24 2 50·49	−0·09	−3·643	+0·53	−0·125	2198*	23614	9503	5876
1519	62·09	7	−29 44 27·51	−0·42	−3·592	+0·55	−0·146	2200*	23629	9508	5881
1520	67·49	4	−60 33 57·95	+0·27	−3·576	+0·78	−0·110	7271	23636	9513	5877
1521	68·59	1	− 4 57 50·56	+0·14	−3·528	+0·46	−0·038	...	23641	9512	5890
1522	68·54	2	−56 48 31·32	...	−3·490	+0·73	...	7281	23656	9522	5889
1523	67·57	6	−49 45 53·29	+0·20	−3·360	+0·67	−0·078	7301	23694	9530	5899
1524	68·58	2	−15 31 35·41	...	−3·247	+0·50	...	...	23726	...	5905
1525*	63·19	1	−23 51 16·46	−0·05	−3·208	+0·53	−0·027	2209*	23739	9544	5907
1526*	68·64	1	− 0 56 54·57	+0·50	−3·185	+0·45	−0·136†	...	23743	...	5910
1527	68·59	1	−17 23 43·69	−0·11	−3·039	+0·50	+0·03	...	23797	...	5920
1528	67·52	4	−42 54 27·10	+0·03	−2·824	+0·62	−0·012	7351	23849	9586	5935
1529	63·07	28	+12 39 39·40	−0·44	−2·733	+0·40	−0·226	2218	...	9591	5941
1530	66·75	11	−15 18 37·76	+0·10	−2·631	+0·50	−0·058	2217	23879	9601	5949
1531	68·25	1	−15 29 5·64	−0·10	−2·629	+0·50	+0·03	...	23880	...	5948
1532	68·57	2	−49 19 39·76	...	−2·621	+0·67	...	7363	23888	9603	5947
1533	68·55	1	− 8 2 1·44	+0·03	−2·573	+0·47	−0·009	2220	23892	...	5953
1534	67·31	1	−21 49 47·07	+0·08	−2·563	+0·52	−0·035	2219	23898	...	5954
1335	67·58	5	−32 7 16·23	0·00	−2·512	+0·57	0·00*	7382	23911	9611	5960
1536	67·67	1	−32 8 15·80	0·00	−2·428	+0·57	0·00*	...	23943	9622	5964
1537	67·66	4	−64 39 11·73	+0·12	−2·402	+0·85	−0·045	7364	23958	9628	5963
1538	67·62	4	−38 57 22·26	+0·03	−2·344	+0·60	−0·011	7393	23966	9632	5970
1539	66·61	3	−12 48 0·40	+0·07	−2·285	+0·49	−0·044	2225	23983	9637	5976
1540	68·59	1	−15 29 22·01	0·00	−2·191	+0·50	0·00	...	24015	...	5984

1507. Limits of Magnitude 3·1—3·9. Period irregular.
1526. Proper Motion from *Bonn Observations*, Vol. VII.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_a to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_a.
					h m s	s	s	s	s
1541	Octantis..... χ	5·2	68·71	9	17 35 18·56	+0·47	+35·476	+1·720	−0·126†
1542	58 Ophiuchi.....	5·0	67·45	13	17 35 20·53	+0·02	+3·5986	+0·005	−0·0071
1543	Piazzi XVII. 195..	6·8*	68·67	1	17 36 15·63	...	+3·6129	+0·005	...
1544	Lacaille 7403.....	6·6*	68·57	2	17 37 23·91	...	+5·5390	+0·015	...
1545†	Scorpii.....ι¹	3·1	67·63	5	17 38 8·64	0·00	+4·1916	+0·007	−0·0014
1546†	3 Sagittarii (x).....	Var.	67·53	4	17 39 3·83	+0·01	+3·7734	+0·005	−0·0024
1547	Lacaille 7450.....	6·7*	68·58	2	17 40 1·34	0·00	+3·7484	+0·005	−0·001
1548	Lacaille 7451.....	5·0	67·59	5	17 40 24·37	0·00	+3·8933	+0·005	−0·001*
1549†	Scorpii.....ο	3·2	67·68	3	17 40 40·16	−0·01	+4·0758	+0·006	+0·0021
1550‡	86 Herculis..... μ	3·5	66·00	1	17 41 10·56	+0·03	+2·3694	+0·003	−0·0253
1551	Lacaille 7460.....	7·5*	68·64	1	17 41 42·19	...	+3·6699	+0·004	...
1552	Brisbane 6232.....	7·9	68·55	1	17 44 47·79	...	+5·4105	+0·010	...
1553	C.Z. XVII. 3281....	8·8*	68·53	1	17 47 40·00	...	+4·9478	+0·007	...
1554*	M. 703.....	6·5	68·61	1	17 47 58·58	0·00	+3·5259	+0·003	−0·0007
1555	Lacaille 7506.....	7·3*	68·67	1	17 47 58·74	...	+3·7449	+0·003	...
1556	Piazzi XVII. 281...	5·9	66·96	3	17 48 33·19	+0·01	+3·4495	+0·003	−0·003
1557	Bradley 2242.....	7·5*	68·64	1	17 48 52·63	0·00	+3·6643	+0·003	−0·0012
1558	4 Sagittarii.....	4·6	65·39	8	17 51 33·05	0·00	+3·6613	+0·003	−0·0013
1559	C.Z. XVII. 3710....	9·3*	68·53	1	17 54 7·78	...	+4·9574	+0·004	...
1560	Piazzi XVII. 323...	7·0*	69·70	1	17 54 34·09	...	+3·5779	+0·002	...
1561	Lacaille 7528.....	6·9*	68·56	3	17 54 39·34	...	+5·2595	+0·004	...
1562†	Pavonis..... π	4·4	67·49	4	17 55 34·89	0·00	+5·7730	+0·004	0·000
1563	9 Sagittarii.....	5·7	68·64	1	17 55 35·79	+0·01	+3·6773	+0·002	−0·0031
1564	Aræ..... θ	3·8	67·61	5	17 56 7·41	+0·01	+4·6707	+0·003	−0·002*
1565	Sagittarii (w).....	Var.	65·69	6	17 56 23·83	0·00	+3·8309	+0·002	0·000*
1566	Piazzi XVII. 342...	6·5*	68·67	1	17 56 53·88	...	+3·6785	+0·002	...
1567†	10 Sagittarii..... γ	3·0	67·67	4	17 57 8·13	+0·02	+3·8571	+0·002	−0·0060
1568	Octantis..... σ	5·5	65·30	22	17 57 13·35	−0·02	+109·30	+1·936	+0·082†
1569	Lacaille 7575.....	7*	68·54	2	17 59 53·36	...	+4·4072	+0·001	...
1570†	Telescopii..... ε	4·5	67·71	2	18 1 12·56	+0·01	+4·4553	+0·001	−0·0045
1571	Lacaille 7577.....	5·6	67·59	5	18 2 51·43	...	+5·7055	−0·001	...
1572	Lalande 33386.....	7·5*	68·61	1	18 4 50·60	...	+3·6435	+0·001	...
1573*	13 Sagittarii..... μ	4·1	64·83	36	18 5 41·41	0·00	+3·5876	+0·001	−0·0019
1574	15 Sagittarii.....	5·6	64·62	1	18 7 9·77	0·00	+3·5788	+0·001	−0·0018
1575†	Sagittarii *pr*..... η	3·0	67·61	4	18 8 29·45	+0·04	+4·0715	−0·001	−0·0138

1541. Identical with Brisbane 6058. B.A.C. gives no letter.
1549. B.A.C. gives no letter.
1565. γ^1 in B.A.C.
1567. γ^2 in B.A.C.
1573. Fundamental Star for Southern Zones.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
1541*	68·46	8	−87 39 3·57	+0·43	−2·156	+5·14	−0·123†	7001	24176	9725	5936
1542	67·49	15	−21 36 51·05	+0·11	−2·154	+0·52	−0·043	2226	24030	9653	5987
1543	68·67	1	−22 7 49·88	...	−2·073	+0·52	...	...	24051	...	5992
1544	68·53	1	−61 39 36·30	...	−1·974	+0·81	...	7403	24091	9672	5995
1545	67·63	5	−40 4 13·90	0·00	−1·909	+0·61	+0·001	7425	24107	9675	6004
1546*	67·53	4	−27 46 32·54	+0·05	−1·829	+0·55	−0·018	2230*	24120	9679	6008
1547	68·58	2	−26 55 23·61	+0·14	−1·746	+0·54	−0·04	7450	24156	9691	6015
1548	67·59	5	−31 39 9·79	+0·10	−1·713	+0·57	−0·04*	7451	24169	9698	6016
1549*	67·68	4	−36 59 45·78	−0·06	−1·690	+0·59	+0·023	7449	24179	9705	6018
1550	65·00	2	+27 48 4·10	0·00	−1·646	+0·35	−0·738	2237	...	9706	6021
1551	68·64	1	−24 9 34·48	...	−1·600	+0·53	...	7460	24203	9712	6023
1552	68·55	1	−60 17 40·44	...	−1·329	+0·79	...	...	24278	9744	6040
1553	68·53	1	−54 33 29·86	...	−1·079	+0·72	...	...	...	...	...
1554	68·61	1	−18 46 29·11	+0·01	−1·051	+0·51	−0·003	...	24337	...	6060
1555	68·67	1	−26 44 42·50	...	−1·051	+0·55	...	7506	24339	9766	6059
1556	66·96	3	−15 47 6·79	+0·14	−1·002	+0·50	−0·07	...	24357	...	6065
1557	68·64	1	−23 54 59·67	+0·11	−0·972	+0·53	−0·03	2242	24362	...	6066
1558	65·40	9	−23 48 1·21	+0·02	−0·739	+0·53	−0·054	2246*	24438	9803	6077
1559	68·53	1	−54 39 55·01	...	−0·513	+0·72	...	...	...	...	...
1560	69·70	1	−20 43 59·74	...	−0·475	+0·52	...	...	24525	...	6098
1561*	68·56	3	−58 34 21·07	...	−0·468	+0·77	...	7528	24532	9823	6093
1562	67·49	4	−63 40 6·65	+0·55	−0·386	+0·84	−0·220	7527	24559	9833	6100
1563	68·64	1	−24 21 37·19	+0·02	−0·385	+0·54	−0·005	2260*	24550	9827	6102
1564	67·61	5	−50 5 44·67	+0·03	−0·338	+0·68	−0·01*	7535	24574	9836	6105
1565*	66·31	5	−29 34 56·03	+0·01	−0·315	+0·56	−0·01*	7552	24577	9839	6107
1566	68·67	1	−24 24 5·75	...	−0·271	+0·54	...	...	24587	9845	6111
1567	67·67	4	−30 25 19·26	+0·50	−0·249	+0·56	−0·188	2266*	25596	9852	6115
1568*	64·16	105	−89 16 44·34	−0·01	−0·244	+15·91	−0·009†	6295	25049	10085	5959
1569	68·54	2	−44 57 38·02	...	−0·010	+0·64	...	7575	24663	9873	6128
1570	67·69	3	−45 58 24·66	+0·10	+0·107	+0·65	−0·036	7581	24703	9889	6140
1571	67·59	5	−63 5 4·93	...	+0·249	+0·83	...	7577	24745	9905	6148
1572	68·61	1	−23 8 49·18	...	+0·424	+0·53	...	...	24788	...	6165
1573*	64·59	71	−21 5 27·04	0·00	+0·497	+0·52	+0·005	2284	24812	9932	6168
1574	64·62	1	−20 45 54·93	0·00	+0·627	+0·52	+0·009	2288	24850	...	6179
1575	67·61	4	−36 47 53·91	+0·42	+0·742	+0·59	−0·161	7643	24888	9962	6186

1541. Proper Motion determined at the Cape. 1546. Limits of Magnitude 4−6. Period $7^d\cdot01185$.
1565. Limits of Magnitude 4·8−5·8. Period $7^d\cdot59460$.
1568. Proper Motion determined at the Cape.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α.
					h m s	s	s	s	s
1576	17 Sagittarii.....	7*	68·64	1	18 8 32·74	+0·01	+3·5739	+0·001	−0·0023
1577†	19 Sagittarii .....δ	2·8	62·63	9	18 12 21·09	0·00	+3·8391	−0·001	+0·0011
1578	Bradley 2296.....	5·8	68·67	1	18 12 22·53	0·00	+3·4519	0·000	+0·0009
1579	Lacaille 7663.....	7·0*	68·54	2	18 13 43·32	...	+5·1398	−0·006	...
1580†	20 Sagittarii.....e	1·9	65·65	4	18 15 12·68	0·00	+3·9870	−0·001	−0·0048
1581†	Telescopii.....α	3·7	66·99	6	18 16 57·69	+0·01	+4·4546	−0·004	−0·0037
1582	21 Sagittarii.....	4·9	67·71	17	18 17 18·64	+0·01	+3·5735	0·000	−0·0019
1583	Telescopii.....ζ	4·0	64·70	4	18 18 25·84	0·00	+4·6128	−0·005	+0·005*
1584	Pavonis .....ν	4·9	67·56	4	18 18 45·66	...	+5·6166	−0·013	...
1585†	22 Sagittarii .....λ	3·1	63·61	18	18 19 38·36	−0·01	+3·7072	−0·001	−0·0053
1586	Lacaille 7713.....	6·5*	68·53	1	18 19 46·58	...	+4·5156	−0·005	...
1587	Lalande 34035.....	6·6*	68·67	1	18 20 3·85	...	+3·5017	−0·001	...
1588	Lacaille 7735.....	7·9*	66·31	3	18 21 9·78	...	+3·9410	−0·003	...
1589*	Scuti 2 H.....	4·7	66·54	7	18 21 30·23	0·00	+3·4200	0·000	−0·0013
1590	Lacaille 7716.....	6·7*	68·68	1	18 21 39·02	...	+5·2695	−0·012	...
1591	Telescopii.....δ¹	5·1	67·64	1	18 21 45·27	0·00	+4·4504	−0·006	0·000*
1592	Telescopii.....δ²	5·3	66·24	3	18 22 2·89	0·00	+4·4428	−0·006	−0·003*
1593	Lacaille 7746 *seq*...	5·5	67·64	3	18 22 13·43	0·00	+3·9387	−0·003	0·000*
1594†	Coronæ Australis..θ	4·4	66·33	3	18 23 51·64	0·00	+4·2865	−0·005	−0·0003
1595	61 Serpentis.....e	6·3*	68·64	1	18 24 58·71	0·00	+3·0975	0·000	−0·0007
1596	Lacaille 7761.....	5·4	64·50	5	18 25 6·38	...	+3·9388	−0·003	...
1597	24 Sagittarii.....	5·9	65·74	1	18 25 38·63	0·00	+3·6672	−0·002	−0·0022
1598†	Pavonis .....ζ	4·0	67·53	5	18 27 14·84	+0·02	+7·0485	−0·040	−0·0079
1599	Lacaille 7780.....	6·3*	68·54	2	18 29 1·11	...	+4·5463	−0·009	...
1600	Lacaille 7766.....	6·5	68·68	1	18 29 10·71	...	+5·8851	−0·024	...
1601	Piazzi XVIII. 128...	7·3*	68 67	1	18 30 1·16	+0·01	+3·4860	−0·001	−0·002
1602	Lacaille 7785.....	4·8	63·70	6	18 32 11·01	0·00	+5·9101	−0·028	0·000*
1603‡	3 Lyræ.....α	0·2	64·00	8	18 32 22·02	+0·02	+2·0131	+0·002	+0·0164
1604	Pavonis .....θ	5·9	66·95	4	18 35 20·77	0·00	+5·9329	−0·030	0·000*
1605*	Scuti 5 H.....	5·1	68·66	2	18 36 10·25	0·00	+3·2672	−0·001	−0·0002
1606	Lacaille 7835.....	7·0	68·54	2	18 37 0·36	...	+4·6318	−0·012	...
1607	27 Sagittarii .....φ	3·3	62·94	5	18 37 13·24	0·00	+3·7480	−0·004	+0·0014
1608	28 Sagittarii.....	5·6	67·38	3	18 38 12·14	0·00	+3·6190	−0·003	−0·0001
1609	Lacaille 7845.....	7·3*	63·71	1	18 39 14·39	...	+4·7746	−0·015	...
1610†	Pavonis.....λ	4·4	63·69	6	18 39 41·91	−0·01	+5·5845	−0·027	−0·0069

1586. τ Telescopii in B.A.C.
1589. γ in C.G.A.; B.A.C. assigns to Sagittarius.
1605. 3 Aquilæ in B.A.C.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ.	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
1576	68·64	1	−20 35 7·66	+0·10	+0·748	+0·52	−0·028	2290	24887	...	6189
1577	62·83	10	−29 52 53·88	−0·07	+1·080	+0·56	−0·032	2294*	24987	9992	6209
1578	68·67	1	−15 53 2·17	+0·22	+1·083	+0·50	−0·06	2296	24986	...	6210
1579	68·54	2	−57 9 32·37	...	+1·200	+0·75	...	7663	25026	10007	6219
1580	65·26	5	−34 26 40·38	+0·04	+1·331	+0·58	−0·138	2297*	25060	10015	6233
1581	66·66	8	−46 2 18·24	+0·09	+1·483	+0·65	−0·057	7694	25105	10029	6240
1582	67·76	20	−20 36 38·60	+0·01	+1·514	+0·52	−0·004	2303	25108	...	6247
1583	64·70	4	−49 8 21·41	−0·08	+1·611	+0·67	−0·25*	7702	25140	10035	6250
1584	66·89	6	−62 21 31·60	...	+1·640	+0·82	...	7691	25153	10043	6253
1585	63·48	20	−25 29 33·70	−0·28	+1·717	+0·54	−0·183	2310*	25171	10049	6263
1586*	68·53	1	−47 18 5·59	...	+1·729	+0·65	...	7713	25179	10052	6262
1587	68·67	1	−17 52 44·24	...	+1·754	+0·51	...	...	25182	...	6267
1588	66·31	3	−33 7 53·22	...	+1·850	+0·57	...	7735	25224	10069	6275
1589*	66·54	7	−14 38 55·47	−0·02	+1·879	+0·50	+0·013	2313	25230	10072	6279
1590	68·68	1	−58 47 42·19	...	+1·892	+0·77	...	7716	25244	10077	6276
1591	67·65	2	−46 0 5·47	+0·19	+1·900	+0·65	−0·07*	7729	25243	10075	6278
1592	66·02	5	−45 50 43·66	+0·05	+1·927	+0·64	−0·05*	7734	25255	10080	6282
1593	67·66	4	−33 4 29·26	+0·19	+1·941	+0·57	−0·07*	7746	25259	10081	6285
1594	66·33	3	−42 24 19·54	+0·04	+2·085	+0·62	−0·030	7756	25297	10092	6296
1595	68·64	1	− 1 5 47·43	0·00	+2·182	+0·45	0·000	2325	25327	...	6307
1596	64·50	5	−33 6 46·05	...	+2·192	+0·57	...	7761	25330	10101	6305
1597	65·74	1	−24 7 45·90	0·00	+2·240	+0·53	+0·004	2324*	25344	10107	6312
1598	66·89	6	−71 32 13·95	+0·32	+2·379	+1·02	−0·169	7736	25383	10122	6315
1599	68·54	2	−48 1 18·24	...	+2·532	+0·66	...	7780	25411	10133	6330
1600	68·68	1	−64 45 31·26	...	+2·547	+0·85	...	7766	25418	10137	6328
1601	68·67	1	−17 20 33·04	−0·04	+2·619	+0·50	+0·01	...	25427	...	6340
1602	63·70	7	−64 59 32·52	−0·23	+2·807	+0·85	−0·18*	7785	25500	10170	6352
1603	65·00	6	+38 39 34·99	0·00	+2·823	+0·29	+0·286	2341	...	10163	6355
1604	66·95	4	−65 12 42·20	+0·10	+3·081	+0·85	−0·05*	7813	25574	10191	6360
1605*	68·66	2	− 8 24 21·19	−0·09	+3·152	+0·47	+0·025	2343	25583	10193	6367
1606	68·54	2	−49 46 2·34	...	+3·224	+0·67	...	7835	25613	10205	6370
1607	62·66	6	−27 7 34·07	−0·04	+3·242	+0·54	−0·019	2344	25614	10204	6371
1608	67·42	2	−22 31 47·78	+0·03	+3·327	+0·52	−0·011	2345	25642	...	6380
1609	63·71	1	−52 15 58·56	...	+3·416	+0·69	...	7845	25678	10223	...
1610	63·69	7	−62 20 12·59	−0·07	+3·457	+0·80	−0·055	7841	25692	10227	6383

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α.
					h m s	s	s	s	s
1611	Telescopii..... κ	5·2	68·68	1	18 41 56·58	...	+4·7705	−0·016	...
1612	Lacaille 7870.....	6·9*	68·54	2	18 42 31·00	...	+4·7593	−0·016	...
1613†	Pavonis..... κ	Var.	65·70	2	18 43 0·79	+0·01	+6·2273	−0·043	−0·010
1614	Lacaille 7898.....	6·8	65·57	4	18 44 1·64	...	+3·8572	−0·006	...
1615	31 Sagittarii.....	7·0*	68·64	1	18 44 1·74	0·00	+3·6043	−0·004	−0·0008
1616‡	10 Lyræ *pr*..... β	Var.	65·00	1	18 45 5·81	0·00	+2·2138	+0·002	−0·0006
1617	10 Lyræ *seq*..... β	8·5†	66·00	1	18 45 7·82	0·00	+2·2141	+0·002	−0·0006
1618	32 Sagittarii..... ν^1	5·0	67·53	1	18 46 1·15	+0·01	+3·6257	−0·004	−0·0028
1619	Lacaille 7911.....	8*	68·67	1	18 46 13·57	...	+3·7410	−0·005	...
1620†	34 Sagittarii..... σ	2·3	62·97	9	18 46 53·55	0·00	+3·7237	−0·005	−0·0016
1621†	Telescopii..... λ	4·9	68·53	1	18 47 39·34	+0·01	+4·8151	−0·019	−0·002
1622†	37 Sagittarii..... ξ	3·5	67·44	16	18 49 40·53	0·00	+3·5806	−0·004	+0·0006
1623	Lacaille 7924.....	6·9*	68·68	1	18 51 14·53	...	+5·7417	−0·040	...
1624*	Piazzi XVIII. 260..	6·4	68·64	1	18 53 50·54	+0·08	+3·4319	−0·004	−0·0021
1625†	38Sagittarii(mass) ζ	2·7	67·64	1	18 54 1·19	+0·01	+3·8247	−0·007	−0·0039
1626	12 Aquilæ.....	4·0	68·67	1	18 54 28·41	+0·02	+3·2069	−0·002	−0·0048
1627†	Telescopii..... ρ	5·0	68·54	2	18 55 38·25	+0·01	+4·7655	−0·021	−0·0030
1628	39 Sagittarii..... o	3·9	67·05	16	18 56 35·55	−0·01	+3·5942	−0·005	+0·0029
1629	Coronæ Australis γ	4·3	63·69	3	18 57 17·38	+0·01	+4·0572	−0·011	+0·007*
1630	Coronæ Australis δ	4·4	65·70	6	18 58 56·85	0·00	+4·1843	−0·013	0·000*
1631	Lacaille 7996.....	6·5*	67·59	4	18 59 0·68	...	+3·7841	−0·008	...
1632‡	17 Aquilæ..... ζ	3·1	66·40	10	18 59 12·35	0·00	+2·7578	0·000	−0·0019
1633†	Coronæ Australis α	4·2	63·71	3	19 0 17·13	+0·01	+4·0847	−0·012	+0·0041
1634*	41 Sagittarii..... π	3·1	65·46	26	19 1 44·01	0·00	+3·5729	−0·006	−0·0020
1635	Lacaille 8024.....	6·4	68·64	1	19 2 45·56	...	+3·8068	−0·009	...
1636	Lacaille 8011.....	7·3*	68·54	2	19 3 14·59	−0·04	+5·1486	−0·033	+0·010†
1637	Lacaille 8004.....	6·7*	68·65	1	19 3 51·01	...	+5·8867	−0·054	...
1638*	20 Aquilæ.....	5·8‡	68·67	1	19 5 21·39	0·00	+3·2561	−0·003	−0·0004
1639*	43 Sagittarii..... d	4·9	66·64	11	19 9 44·13	0·00	+3·5160	−0·006	−0·0025
1640	Lacaille 8034.....	6·7*	68·65	1	19 9 58·68	...	+6·3291	−0·075	...
1641	Piazzi XIX. 50.....	6·6*	68·64	1	19 11 18·09	+0·03	+3·4314	−0·005	−0·009
1642‡	25 Aquilæ..... ω	5·1	66·50	10	19 11 28·80	0·00	+2·8165	0·000	−0·0017
1643	Sagittarii..... β^1	4·0*	63·70	7	19 12 55·64	0·00	+4·3290	−0·019	−0·003*
1644	C.G.A. 26486.....	7·0*	63·68	1	19 12 58·29	...	+4·3289	−0·019	...
1645	26 Aquilæ..... f	5·3‡	68·67	1	19 13 20·53	−0·02	+3·1980	−0·003	+0·0059

1622. ξ^2 Sagittarii in B.A.C. and C.G.A.
1634. Fundamental Star for Southern Zones.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ.	Bradley or Lacaille	C.G.A. 1875.	Cape 1859.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
1611	68·68	1	−52 15 28·25	...	+ 3·650	+0·68	...	7867	25748	10244	6398
1612	68·54	2	−52 5 11·79	...	+ 3·699	+0·68	...	7870	25765	10251	6402
1613*	65·70	2	−67 23 47·82	−0·01	+ 3·742	+0·89	+0·013	7856	25786	10258	6405
1614	65·98	5	−30 53 26·82	...	+ 3·830	+0·55	...	7898	25806	10259	6414
1615	68·64	1	−22 4 35·48	+0·12	+ 3·830	+0·51	−0·033	2359	25803	...	6415
1616*	64·75	4	+33 12 28·58	0·00	+ 3·921	+0·32	+0·005	2369	...	10270	6429
1617	66·00	1	+33 11 52·13	−0·01	+ 3·924	+0·32	+0·005	...	...	...	...
1618	67·53	1	−22 54 30·18	+0·05	+ 4·000	+0·52	−0·019	2364*	25853	10278	6434
1619	68·67	1	−27 3 16·13	...	+ 4·018	+0·53	...	7911	25860	10280	6437
1620	63·15	8	−26 27 39·30	−0·11	+ 4·076	+0·53	−0·061	2365*	25874	10284	6440
1621	68·53	1	−53 6 39·41	−0·04	+ 4·140	+0·69	+0·01	7910	25897	10296	6443
1622*	67·05	18	−21 16 51·18	+0·03	+ 4·314	+0·51	−0·015	2373	25927	10308	6461
1623	68·68	1	−63 58 15·91	...	+ 4·446	+0·81	...	7924	25966	10324	6472
1624	68 64	1	−15 28 12·07	−0·04	+ 4·668	+0·48	+0·010	...	26035	...	6488
1625	67·64	1	−30 4 9·18	−0·02	+ 4·683	+0·54	+0·008	2384*	26041	10349	6489
1626	68·67	1	− 5 55 35·96	+0·07	+ 4·722	+0·45	−0·018	2391	26048	...	6492
1627	68·54	2	−52 32 3·49	+0·41	+ 4·821	+0·67	−0·115	7963	26085	10358	6498
1628	66·96	17	−21 56 9·73	+0·11	+ 4·903	+0·51	−0·057	2393	26102	10365	6507
1629	63·69	3	−37 15 13·04	−0·39	+ 4·961	+0·57	−0·30*	7988	26123	10373	6511
1630	65·70	6	−40 42 6·79	+0·04	+ 5·102	+0·59	−0·06*	7992	26162	10387	6523
1631	67·59	4	−28 50 28·81	...	+ 5·108	+0·53	...	7996	26161	10386	6525
1632	65·50	4	+13 39 55·25	+0·05	+ 5·124	+0·39	−0·092	2405	...	10385	6528
1633	63·71	3	−38 6 39·20	−0·15	+ 5·215	+0·57	−0·120	8002	26189	10398	6535
1634*	65·03	29	−21 14 5·83	0·00	+ 5·337	+0·50	−0·028	2406	26225	10411	6548
1635	68·64	1	−29 43 6·92	...	+ 5·423	+0·53	...	8024	26254	10418	6554
1636*	68·54	2	−58 13 16·99	+0·81	+ 5·465	+0·72	−0·23†	8011	26272	10422	6557
1637	68·65	1	−65 27 15·09	...	+ 5·515	+0·82	...	8004	26292	10428	6559
1638*	68·67	1	− 8 9 44·95	+0·02	+ 5·641	+0·45	−0·005	2415	26317	10433	6564
1639	66·39	12	−19 11 24·43	0·00	+ 6·008	+0·49	−0·003	2423	26414	10458	6584
1640	68·65	1	−68 37 9·55	...	+ 6·029	+0·87	...	8034	26432	10462	6580
1641	68·64	1	−15 46 9·03	+0·95	+ 6·139	+0·47	−0·26	...	26446	...	6590
1642	65·38	8	+11 21 16·03	−0·01	+ 6·154	+0·39	+0·021	2432	...	10466	6595
1643	63·70	7	−44 42 31·07	−0·03	+ 6·275	+0·60	−0·02*	8075	26485	10486	6608
1644	63·68	1	−44 42 24·55	...	+ 6·278	+0·60	...	...	26486	10488	...
1645	68·67	1	− 5 39 55·59	−0·16	+ 6·310	+0·44	+0·043	2435	26492	...	6614

1613. Limits of Magnitude 4·0—5·5. Period $9^d\cdot102$.

1616. Limits of Magnitude 3·4—4·5. Period about $12^d\ 22^h$.

1636. Proper Motion from *Cincinnati Publications*, No. 12.

1638. Magnitude and Proper Motion from *Cape Annals*, Vol. VII.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α
					h m s	s	s	s	s
1646	Sagittarii ..... β^2	4·4	66·06	5	19 13 27·47	0·00	+4·3432	−0·020	+0·004*
1647	44 Sagittarii ..... ρ	3·9.	65·96	24	19 13 50·51	0·00	+3·4865	−0·006	−0·0033
1648*	46 Sagittarii ..... υ	4·7	65·46	5	19 13 59·72	0·00	+3·4406	−0·006	−0·0016
1649†	Sagittarii..... a	4·1	67·62	3	19 14 31·71	0·00	+4·1682	−0·017	+0·0016
1650	50 Sagittarii	5·5	67·53	1	19 18 15·92	0·00	+3·5821	−0·008	−0·0002
1651†	Lacaille 8107.....	5·8	63·71	2	19 18 24·42	0·00	+3·7995	−0·011	−0·0008
1652*	30 Aquilæ ..... δ	3·5	66·84	19	19 18 41·56	−0·03	+3·0094	−0·002	+0·0153
1653	Lacaille 8101	6·7*	63·70	7	19 19 36·75	...	+4·8933	−0·035	...
1654	Piazzi XIX. 124	6·9*	68·67	1	19 20 54·56	+0·01	+3·4170	−0·006	−0·003
1655	Piazzi XIX. 132	7·3*	68·43	1	19 21 52·31	...	+3·4226	−0·006	...
1656	C.G.A. 26714	7·8*	67·68	2	19 22 36·34	...	+3·7878	−0·011	...
1657	Piazzi XIX. 138	6·5†	68·62	1	19 22 53·12	0·00	+3·5668	−0·008	0·000
1658	Piazzi XIX. 147	7·8*	68·64	1	19 24 14·24	...	+3·5711	−0·008	...
1659*	52 Sagittarii *pr*.... h	4·6	65·66	32	19 28 29·36	0·00	+3·6543	−0·010	+0·0030
1660	Lacaille 8141	6·5*	68·64	1	19 28 31·14	...	+5·8741	−0·076	...
1661	42 Aquilæ	5·7‡	68·67	1	19 30 37·57	−0·02	+3·1788	−0·004	+0·0056
1662	Lacaille 8094.....	6·3	...	...	19 30 57	...	+11·502	−0·519	−0·008†
1663	Lacaille 8198	6·6	68·62	1	19 34 10·83	...	+3·6480	−0·011	...
1664	55 Sagittarii ..... e	5·0	65·81	20	19 34 47·72	0·00	+3·4333	−0·007	+0·0027
1665	Lacaille 8208.....	6·8*	67·68	2	19 36 51·04	0·00	+3·8113	−0·014	−0·001*
1666†	Telescopii..... ν	5·6	68·65	2	19 36 58·89	−0·01	+4·9267	−0·045	+0·0038
1667*	56 Sagittarii ..... f	5·1	67·24	21	19 38 29·06	+0·03	+3·5164	−0·009	−0·0115
1668‡	50 Aquilæ ..... γ	2·8	64·62	21	19 39 50·55	0·00	+2·8521	−0·001	−0·0004
1669‡	53 Aquilæ ..... α	1·0	65·23	31	19 44 11·78	−0·01	+2·8922	−0·001	+0·0349
1670	57 Sagittarii	6·2	67·96	5	19 44 21·14	0·00	+3·4946	−0·009	−0·0011
1671	Lacaille 8224	5·8	68·65	1	19 44 41·99	...	+6·2834	−0·113	...
1672†	Pavonis ..... ϵ	4·0	67·51	27	19 44 55·10	−0·03	+7·0598	−0·163	+0·0134
1673	Lacaille 8247.....	7·0*	68·64	1	19 45 46·60	...	+5·0085	−0·052	...
1674‡	60 Aquilæ ..... β	4·0	63·80	15	19 48 40·93	0·00	+2·9455	−0·002	+0·0012
1675	61 Sagittarii ..... g	5·0	64·73	5	19 50 17·57	0·00	+3·4085	−0·008	−0·0014
1676	Lacaille 8267	6·6*	68·65	1	19 52 0·65	−0·68	+5·9458	−0·103	+0·186†
1677*	63 Sagittarii	5·9.	67·19	3	19 54 24·79	0·00	+3·3649	−0·008	+0·0007
1678†	Pavonis ..... δ	3·6	63·70	2	19 55 26·66	+0·25	+5·7684	−0·096	+0·1918
1679	Brisbane 6788	7·0*	68·69	2	19 55 27·39	...	+5·7956	−0·098	...
1680	Lacaille 8202	6·3	65·31	5	19 55 39·81	...	+13·700	−1·045	...

1647. ρ^1 in B.A.C.
1653. μ Telescopii in B.A.C.
1659. Fundamental Star for Southern Zones, h^2 in B.A.C. and C.G.A.
1664. e^2 in B.A.C.
1667. Fundamental Star for Southern Zones.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for $\mu\delta$ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion $\mu\delta$	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
1646	66 33	6	−45 2 58·81	+0·12	+6·319	+0·60	−0·09*	8079	26500	10491	6610
1647*	65·64	28	−18 5 54·07	−0·02	+6·350	+0·48	+0·026	2434	26508	10493	6619
1648	65·50	6	−16 12 19·54	0·00	+6·364	+0·47	+0·004	2437	26510	...	6621
1649	67·64	4	−40 51 58·55	+0·32	+6·408	+0·57	−0·121	8087	26527	10498	6622
1650	67·53	1	−22 2 27·16	0·00	+6·716	+0·49	−0·001	2448	26613	10520	6638
1651	63·71	2	−30 0 24·14	−0·07	+6·727	+0·52	−0·053	8107	26618	10521	6639
1652	64·63	8	+ 2 50 54·01	+0·03	+6·752	+0·41	+0·087	2451	...	10522	6646
1653*	63·70	7	−55 22 56·85	...	+6·828	+0·67	...	8101	26643	10531	6649
1654	68·67	1	−15 22 26·25	−0·07	+6·933	+0·47	+0·02	...	26668	...	6664
1655	68·43	1	−15 37 59·50	...	+7·012	+0·47	...	...	26695	...	6668
1656	67·68	2	−29 46 16·48	...	+7·073	+0·52	...	...	26714	...	...
1657	68·62	1	−21 35 22·87	+0·04	+7·096	+0·48	−0·01	...	26724	...	6671
1658	68·64	1	−21 47 57·90	...	+7·206	+0·48	...	...	26754	...	6683
1659*	64·26	38	−25 10 42·58	−0·01	+7·552	+0·49	−0·013	2478*	26843	10584	6706
1660	68·64	1	−66 9 17·24	...	+7·555	+0·79	...	8141	26851	10588	6705
1661*	68·67	1	− 4 56 46·07	+0·17	+7·726	+0·43	−0·045	2485	26887	...	6719
1662*	68·75	2	−81 40 41·77	−0·03	+7·751	+1·54	+0·007†	8094	26929	10611	6708
1663	68·62	1	−25 10 15·70	...	+8·012	+0·48	...	8198	26977	10619	6738
1664*	65·73	19	−16 26 14·85	+0·01	+8·061	+0·46	−0·007	2494	26989	10623	6742
1665	67·68	2	−31 13 24·53	+0·03	+8·225	+0·50	−0·01*	8208	27037	10631	6753
1666	68·65	2	−56 40 57·42	+0·55	+8·236	+0·65	−0·15	8200	27043	10634	6751
1667*	67·55	19	−20 4 58·03	+0·20	+8·355	+0·46	−0·078	2504	27075	...	6760
1668	63·00	18	+10 17 12·08	+0·01	+8·464	+0·37	+0·006	2511	...	10650	6772
1669	63·18	68	+ 8 30 50·62	+0·70	+8·807	+0·38	+0·387	2524	...	10682	6802
1670	67·96	5	−19 23 5·48	+0·13	+8·819	+0·45	−0·045	2522	27200	...	6803
1671	68·65	1	−69 30 43·79	...	+8·847	+0·81	...	8224	27219	10688	6797
1672	67·61	22	−73 15 38·46	+0·35	+8·864	+0·92	−0·134	8219	27225	10694	6801
1673	68·64	1	−58 16 31·91	...	+8·930	+0·65	...	8247	27238	10698	6809
1674	63·47	17	+ 6 4 19·35	−0·72	+9·158	+0·38	−0·473	2538	...	10712	6833
1675	64·73	5	−15 50 48·59	−0·02	+9·284	+0·44	−0·081	2540	27321	...	6840
1676*	68·65	1	−67 40 5·55	+2·45	+9·417	+0·76	−0·67†	8267	27380	10750	6848
1677	67·30	4	−14 0 30·33	−0·06	+9·602	+0·43	+0·028	2551	27431	...	6871
1678	63·70	2	−66 31 13·71	−1·50	+9·681	+0·74	−1·157	8295	27468	10776	6873
1679	68·69	2	−66 44 9·11	...	+9·681	+0·73	...	...	27465	10775	6874
1680	65·30	5	−83 42 58·76	...	+9·697	+1·74	...	8202	27498	10789	6859

1661. Magnitude and Proper Motion from *Cape Annals*, Vol. VII.
1662. Proper Motion determined at the Cape.
1676. Proper Motion from *Cincinnati Publications*, No. 12.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α.
					h m s	s	s	s	s
1681	Lacaille 8322.....	5·0	64·83	7	19 55 45·61	0·00	+3·8155	−0·018	0·000*
1682	Piazzi XIX. 377.....	7·0†	68·65	1	19 57 1·26	0·00	+3·5361	−0·011	−0·001
1683	64 Sagittarii.....	6·6*	67·39	1	19 57 37·95	+0·01	+3·3192	−0·007	−0·0025
1684	Lacaille 8337.....	6·5*	68·65	2	20 0 8·59	...	+4·9183	−0·057	...
1685	Lacaille 8281.....	7·5	65·30	5	20 0 44·04	...	+9·6297	−0·456	...
1686	Piazzi XIX. 406.....	6·4*	68·43	1	20 1 8·37	+0·01	+3·2850	−0·007	−0·003
1687	Lacaille 8362.....	5·4	63·70	6	20 2 19·38	+0·04	+3·9220	−0·022	+0·032*
1688	Lacaille 8353.....	6·9*	68·75	2	20 4 4·52	...	+5·8881	−0·113	...
1689	1 Capricorni.....	6·8*	66·79	1	20 4 28·99	+0·01	+3·3319	−0·008	−0·0028
1690	Lacaille 8370.....	6·7*	68·65	2	20 7 3·32	...	+5·2389	−0·077	...
1691	Lacaille 8386.....	6·5*	65·90	7	20 7 27·11	...	+3·7386	−0·018	...
1692	Lacaille 8389.....	6·6*	68·67	1	20 10 1·18	...	+4·7107	−0·053	...
1693‡	5 Capricorni..... α^1	4·5	65·00	9	20 10 9·82	0·00	+3·3307	−0·008	−0·0005
1694*	6 Capricorni..... α^2	3·8	65·32	19	20 10 33·76	0·00	+3·3312	−0·009	+0·0026
1695	7 Capricorni..... σ	5·6	69·91	6	20 11 36·11	+0·01	+3·4704	−0·011	−0·0013
1696*	9 Capricorni..... β	3·4	65·81	5	20 13 25·48	0·00	+3·3756	−0·010	+0·0007
1697†	Pavonis..... α	2·1	63·93	14	20 14 56·82	0·00	+4·7947	−0·060	−0·0014
1698	Lacaille 8427.....	7·0*	67·61	5	20 16 24·80	...	+3·6986	−0·018	...
1699	Lacaille 8442.....	7*	67·69	4	20 18 15·53	...	+3·6952	−0·018	...
1700	10 Capricorni *pr.* π	5·2	68·66	2	20 19 35·36	0·00	+3·4422	−0·012	−0·0009
1701	Lacaille 8424.....	6·7*	68·73	1	20 21 4·20	...	+6·3617	−0·169	...
1702*	11 Capricorni..... ρ	5·0	65·22	18	20 21 9·50	0·00	+3·4321	−0·011	−0·0028
1703	Bradley 3258.....	6·5*	67·69	2	20 22 40·43	0·00	+3·6882	−0·018	0·00
1704	Lacaille 8485.....	7·1	67·72	4	20 25 32·92	...	+3·6872	−0·019	...
1705	Lacaille 8484.....	6·7*	68·64	1	20 28 17·56	...	+5·1998	−0·091	...
1706	Pavonis..... ϕ^2	5·2	68·75	1	20 28 50·28	−0·14	+4·9928	−0·079*	+0·038*
1707	Pavonis..... υ	Var.	63·72	2	20 29 31·45	0·00	+5·6035	−0·120	0·000*
1708	14 Capricorni..... τ	5·3	66·01	16	20 31 43·30	0·00	+3·3630	−0·011	−0·0012
1709	Piazzi XX. 229.....	8·3*	67·77	1	20 31 59·75	...	+3·3632	−0·011	...
1710*	15 Capricorni..... υ	5·3	70·02	5	20 32 21·78	+0·02	+3·4264	−0·012	−0·0033
1711†	Pavonis..... β	3·5	66·94	6	20 32 45·03	+0·02	+5·5104	−0·116	−0·0099
1712	Pavonis..... σ	5·5	65·73	5	20 36 28·43	...	+5·8122	−0·144	...
1713†	16 Capricorni..... ψ	4·3	63·71	1	20 38 5·91	−0·01	+3·5696	−0·017	−0·0061
1714*	2 Aquarii..... ϵ	3·8	64·54	17	20 40 21·97	0·00	+3·2522	−0·008	−0·0004
1715	Microscopii..... α	5·0	65·71	2	20 41 31·69	0·00	+3·7662	−0·024	0·000*

1689. ξ^1 in B.A.C.
1708. τ^2 in B.A.C.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
1681	64·83	7	−32 25 54·56	−0·01	+ 9·705	+0·48	−0·07*	8322	27463	10774	6877
1682	68·65	1	−21 41 29·06	+0·04	+ 9·801	+0·45	−0·01	...	27492	...	6889
1683	67·39	1	−11 58 43·07	+0·02	+ 9·848	+0·42	−0·009	2560	27502	...	6892
1684	68·65	2	−57 54 52·41	...	+10·039	+0·62	...	8337	27553	10801	6902
1685	65·30	5	−80 0 18·37	...	+10·083	+1·19	...	8281	27585	10811	6900
1686	68·43	1	−10 27 2·35	+0·07	+10·113	+0·41	−0·02	...	27573	...	6911
1687	63·70	6	−36 26 12·11	−2·08	+10·203	+0·49	−1·60*	8362	27600	10813	6922
1688	68·75	2	−67 51 28·99	...	+10·335	+0·73	...	8353	27658	10829	6929
1689*	66·79	1	−12 47 26·35	+0·02	+10·365	+0·41	−0·012	2575	27657	...	6935
1690	68·65	2	−62 19 0·42	...	+10·557	+0·64	...	8370	27721	10837	6946
1691	66·12	8	−30 24 50·29	...	+10·587	+0·46	...	8386	27726	10838	6948
1692	68·67	1	−55 28 5·71	...	+10·777	+0·57	...	8389	27798	10863	6964
1693	64·50	12	−12 55 21·86	+0·01	+10·788	+0·41	+0·012	2593	27796	10861	6972
1694	64·36	47	−12 57 38·50	+0·01	+10·817	+0·41	+0·013	2595	27800	10864	6974
1695	69·81	5	−19·32 14·57	−0·04	+10·893	+0·42	+0·008	2597	27827	...	6981
1696	66·11	5	−15 12 18·55	−0·01	+11·027	+0·41	+0·013	2609	27880	10888	6995
1697	64·25	12	−57 9 50·01	−0·06	+11·138	+0·58	−0·080	8416	27918	10899	7004
1698	67·61	5	−29 30 31·70	...	+11·245	+0·44	...	8427	27957	10903	7011
1699	67·69	4	−29 30 35·87	...	+11·379	+0·44	...	8442	28003	10916	7026
1700	68·66	2	−18 39 6·11	−0·04	+11·473	+0·41	+0·012	2623	28036	...	7031
1701	68·73	1	−71 38 31·94	...	+11·579	+0·75	...	8424	28090	10936	7038
1702	65·20	51	−18 15 27·06	0·00	+11·585	+0·40	−0·008	2626	28073	10934	7042
1703	67·68	3	−29 33 42·64	0·00	+11·693	+0·43	0·0	3258*	28108	10939	7057
1704	67·72	4	−29 44 57·67	...	+11·897	+0·43	...	8485	28156	10960	...
1705	68·64	1	−63 22 23·75	...	+12·090	+0·60	...	8484	28223	10984	7095
1706	68·75	1	−60 59 50·81	+1·84	+12·128	+0·57	−0·49*	8490	28236	10988	7099
1707*	63·72	2	−67 13 56·18	0·00	+12·175	+0·64	0·00*	8488	28259	10994	7106
1708*	66·25	18	−15 25 32·87	+0·02	+12·328	+0·38	−0·012	2652	28298	...	7127
1709	67·77	1	−15 26 50·48	...	+12·347	+0·38	...	...	28309	...	...
1710	70·02	5	−18 36 42·17	+0·08	+12·372	+0·39	−0·015	2657	28317	...	7134
1711	66·94	6	−66 41 1·53	+0·03	+12·399	+0·63	−0·013	8500	28338	11021	7129
1712	65·73	5	−69 15 55·22	...	+12·653	+0·65	...	8521	28430	11045	7165
1713	63·71	1	−25 45 13·84	−0·20	+12·763	+0·39	−0·157	2676*	28455	11053	7177
1714	64·68	17	− 9 59 15·69	−0·01	+12·916	+0·36	−0·026	2681	28511	11066	7196
1715	65·71	2	−34 16 35·16	+0·03	+12·994	+0·41	−0·04*	8579	28544	11073	7207

m. m.
1707. Suspected Variable; 5·2—6·1 in *Uranometria Argentina.*

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α.
					h m s	s	s	s	s
1716	Indi..... ι	5·1	67·67	4	20 41 43·38	+0·01	+4·3797	−0·051	−0·002*
1717	Lacaille 8590.....	6·9*	62·65	5	20 42 32·54	...	+3·5555	−0·017	...
1718	Lacaille 8578.....	7·2*	68·74	2	20 45 12·35	...	+5·6799	−0·142	...
1719	6 Aquarii..... μ	4·8	65·09	7	20 45 22·24	0·00	+3·2398	−0·008	+0·0008
1720	Octantis..... B	6·6	63·89	53	20 46 47·03	−0·09	+109·60	−149·19	−0·079†
1721†	Octantis *seq*..... α	5·3	66·67	4	20 48 13·88	+0·02	+7·5621	−0·362	−0·0091
1722	C.G.A. 28722.....	8·5*	62·67	5	20 49 44·42	...	+3·5324	−0·017	...
1723	C.G.A. 28724.....	8*	62·66	5	20 49 58·66	...	+3·5336	−0·017	...
1724	Lacaille 8615.....	6·8*	68·75	2	20 53 5·71	...	+7·3009	−0·327	...
1725	Lacaille 8625.....	5·9	68·73	1	20 55 9·89	−0·40	+6·3721	−0·228	+0·108†
1726	Lalande 40721.....	8·3*	62·67	4	20 55 54·68	...	+3·5176	−0·017	...
1727	Microscopii..... η	5·6	63·71	1	20 57 37·78	0·00	+3·9296	−0·034	−0·002*
1728	23 Capricorni..... θ	4·3	67·36	21	20 58 21·33	−0·01	+3·3772	−0·013	+0·0040
1729	C.P.D.−24° No.7162	9·9*	62·65	2	20 59 31·66	...	+3·5109	−0·017	...
1730	Lacaille 8680.....	7·2	68·76	1	20 59 56·38	−0·02	+4·7067	−0·080	+0·004*
1731	Lalande 40897.....	7·8*	62·66	7	21 0 40·24	...	+3·5065	−0·017	...
1732	Lacaille 8692.....	7·1*	68·75	1	21 1 30·02	...	+4·5213	−0·069	...
1733	Lacaille 8707.....	6·5	63·77	3	21 1 59·18	...	+3·6190	−0·022	...
1734*	13 Aquarii..... ν	4·6	64·86	20	21 2 14·31	0·00	+3·2696	−0·010	+0·0049
1735	Lacaille 8715.....	5·8	65·42	4	21 3 32·97	0·00	+3·8757	−0·033	+0·005†
1736	Lacaille 8714.....	7·0*	68·73	1	21 4 57·31	...	+4·6408	−0·077	...
1737	C.Z. XXI. 179.....	9·5*	62·66	4	21 5 22·30	...	+3·4956	−0·017	...
1738	64 Cygni..... ζ	3·5	66·00	2	21 7 11·68	0·00	+2·5505	+0·004	−0·0012
1739†	4 Piscis Australis....	4·8	63·75	4	21 9 44·70	0·00	+3·6534	−0·024	+0·0028
1740	Lacaille 8672.....	6·5	63·36	3	21 11 30·09	−0·06	+10·666	−1·123	−0·035*
1741	Lacaille 8787.....	6·7	67·72	1	21 13 47·82	...	+3·5787	−0·022	...
1742	32 Capricorni..... ι	4·4	68·74	18	21 14 43·61	0·00	+3·3488	−0·013	−0·0003
1743	Lacaille 8784.....	7·0*	68·76	2	21 14 48·07	...	+4·4749	−0·073	...
1744†	Pavonis..... γ	4·2	63·75	8	21 15 14·33	+0·01	+5·0470	−0·121	+0·0110
1745†	Indi..... γ	Var.	66·70	4	21 16 36·43	0·00	+4·3321	−0·064	−0·0029
1746	Piazzi XXI. 101.....	7·8*	62·65	5	21 16 36·97	...	+3·4589	−0·017	...
1747	18 Aquarii.....	5·4	66·49	3	21 16 48·59	−0·01	+3·2811	−0·011	+0·0048
1748	Lacaille 8826.....	7·6	68·76	2	21 22 52·03	...	+4·5557	−0·085	...
1749	Gruis..... ..... ξ	5·4	67·71	4	21 23 32·55	...	+3·8254	−0·035	...
1750*	22 Aquarii..... β	3·1	65·63	27	21 24 27·06	0·00	+3·1627	−0·007	−0·0005

1720. Letter B used at the Cape since 1836.
1739. ε Microscopii in C.G.A.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ.	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
1716	67·67	4	−52 6 27·32	+0·16	+13·006	+0·48	−0·06*	8567	28555	11074	7208
1717	62·65	5	−25 28 40·85	...	+13·060	+0·39	...	8590	28569	11080	7216
1718	68·74	2	−68 56 8·83	...	+13·236	+0·61	...	8578	28643	11111	7231
1719	65·05	8	− 9 29 15·39	0·00	+13·247	+0·35	−0·031	2696	28640	11107	7239
1720*	64·16	69	−89 27 47·06	−0·03	+13·340	+11·93	−0·034†	6460	29042	11301	7020
1721	66·88	5	−77 32 1·19	+0·70	+13·435	+0·80	−0·370	8570	28706	11135	7250
1722	62·67	5	−25 0 18·90	...	+13·532	+0·37	...	...	28722	...	...
1723	62·66	4	−25 4 53·66	...	+13·548	+0·37	...	...	28724	...	...
1724	68·75	2	−76 44 44·50	...	+13·748	+0·75	...	8615	28806	11168	7272
1725*	68·73	1	−73 41 51·05	+1·42	+13·879	+0·66	−0·38†	8625	28851	11185	7293
1726	62·67	4	−24 51 12·65	...	+13·926	+0·36	...	...	28857	...	...
1727	63·71	1	−41 55 17·68	−0·06	+14·034	+0·40	−0·05*	8675	28904	11196	7314
1728	67·47	23	−17 46 1·86	+0·13	+14·079	+0·35	−0·054	2733	28921	11204	7322
1729	62·65	2	−24 51 3·33	...	+14·152	+0·36	...	...	...	...	...
1730	68·76	1	−59 57 3·60	−0·11	+14·177	+0·48	+0·03*	8680	28967	11222	7329
1731	62·67	4	−24 44 47·85	...	+14·222	+0·36	...		28985	...	...
1732	68·75	1	−57 3 48·15	...	+14·273	+0·46	...	8692	29009	11233	7339
1733	63·77	3	−30 15 58·83	...	+14·303	+0·36	...	8707	29020	11236	...
1734	65·15	22	−11 54 58·30	0·00	+14·318	+0·33	−0·004	2747	29024	11238	7344
1735*	65·42	4	−40 48 38·66	+0·08	+14·399	+0·39	−0·20†	8715	29048	11243	7349
1736	68·73	1	−59 28 54·18	...	+14·484	+0·46	...	8714	29088	11255	7355
1737	62·66	4	−24 38 55·63	...	+14·509	+0·35	...	...	...	...	...
1738	63·50	2	+29 40 27·17	−0·08	+14·618	+0·25	−0·053	2760	...	11269	7368
1739*	63·75	4	−32 44 3·75	−0·05	+14·771	+0·35	−0·036	2762*	29200	11290	7386
1740	63·36	3	−83 15 55·13	−0·16	+14·875	+1·04	−0·10*	8672	29257	11323	7384
1741	67·72	1	−29 44 10·31	...	+15·009	+0·34	...	8787	29281	11326	...
1742	68·74	18	−17 24 26·94	−0·05	+15·063	+0·32	+0·013	2772	...	11330	7407
1743	68·76	2	−57 49 50·72	...	+15·067	+0·42	...	8784	29287	11331	7406
1744	63·75	8	−65 58 27·29	+0·99	+15·092	+0·48	+0·789	8778	29309	11336	7409
1745*	66·87	5	−55 14 27·03	−0·04	+15·170	+0·41	+0·024	8792	29331	11347	7423
1746	62·65	4	−23 52 3·09	...	+15·171	+0·32	...	...	29330	...	...
1747	66·49	3	−13 27 19·43	0·00	+15·182	+0·31	+0·002	2781	29332	...	7427
1748	68·76	2	−60 17 31·04	...	+15·523	+0·41	...	8826	29475	11383	7464
1749	67·71	4	−41 46 17·52	...	+15·563	+0·35	...	8833	29482	11384	7471
1750	63·31	61	− 6 9 47·74	0·00	+15·610	+0·28	+0·001	2797	29491	11389	7478

1720. Proper Motion determined at the Cape.
1725, 1735. Proper Motion from *Cincinnati Publications*, No. 12.
1745. Suspected variable; $6^m·0$–$6^m·6$ in *Uranometria Argentina*.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α.
					h m s	s	s	s	s
1751	Lacaille 8849	6·4*	67·74	3	21 26 54·83	...	+3·5558	−0·023	...
1752	Octantis..... λ	*	68·30	14	21 29 50·58	0·00	+10·043	−1·130	0·000*
1753	23 Aquarii..... ξ	4·8	64·55	19	21 30 33·85	0·00	+3·1927	−0·008	+0·0058
1754	Lacaille 8858.....	6·5*	68·76	2	21 31 1·08	...	+4·2875	−0·068	...
1755*	40 Capricorni..... γ	3·8	69·31	12	21 32 36·55	−0·05	+3·3213	−0·013	+0·0115
1756	43 Capricorni..... κ	4·7	70·76	2	21 35 7·06	−0·04	+3·3515	−0·015	+0·0072
1757‡	8 Pegasi..... ε	2·4	65·21	14	21 37 33·35	0·00	+2·9452	−0·001	+0·0005
1758*	48 Capricorni..... λ	5·4	66·17	5	21 39 15·99	0·00	+3·2356	−0·010	+0·0006
1759†	Indi..... o	5·6	68·76	1	21 39 18·96	+0·04	+5·2176	−0·167	−0·0117
1760‡	49 Capricorni..... δ	3·0	69·51	15	21 39 35·26	−0·07	+3·3033	−0·013	+0·0160
1761	C.P.D.−47°No.9760	8‡	65·41	4	21 40 18·33	...	+3·9076	−0·046	...
1762	51 Capricorni..... μ	5·2	68·47	10	21 45 56·11	−0·06	+3·2587	−0·011	+0·0181
1763‡	16 Pegasi.....	5·0	66·50	2	21 46 55·29	0·00	+2·7255	+0·005	−0·0008
1764†	Indi ..... δ	4·5	63·77	6	21 48 42·55	0·00	+4·1316	−0·067	+0·0033
1765	Lacaille 8959.....	6·4*	66·90	5	21 48 55·69	...	+4·3082	−0·082	...
1766	C.G.A. 30014.....	8·8*	65·41	4	21 49 11·52	...	+3·8797	−0·047	...
1767	Lacaille 8973.....	6·3*	68·76	1	21 51 10·05	...	+4·1498	−0·069	...
1768†	Indi..... ε	4·8	68·80	1	21 53 2·44	−1·80	+4·1691	−0·072	+0·4747
1769	C.P.D.−48°No.10691	9‡	65·41	4	21 54 37·04	...	+3·8699	−0·049	...
1770	30 Aquarii	5·6	61·86	1	21 56 10·26	0·00	+3·1586	−0·007	+0·0010
1771	31 Aquarii..... α	4·7	62·75	1	21 56 19·99	0·00	+3·1057	−0·005	−0·0011
1772	Lacaille 9001.....	5·6	68·80	2	21 56 20·53	...	+4·2755	−0·084	...
1773†	Gruis..... λ	4·5	67·68	6	21 57 58·12	+0·01	+3·6455	−0·034	−0·0030
1774*	34 Aquarii..... α	3·2	65·79	19	21 58 50·95	0·00	+3·0835	−0·004	−0·0005
1775	Lacaille 8996.....	6·9*	68·76	1	21 59 3·99	...	+5·9366	−0·317	...
1776*	33 Aquarii..... ι	4·3	68·70	14	21 59 8·66	0·00	+3·2463	−0·011	+0·0007
1777†	Gruis..... α	1·9	64·31	16	21 59 42·66	+0·01	+3·8061	−0·046	+0·0105
1778	C.P.D.−49°No.11553	10‡	65·42	5	22 2 1·81	...	+3·8491	−0·050	...
1779	C.Z. XXII. 98.....	9·0*	65·44	4	22 2 14·36	...	+3·8427	−0·050	...
1780	38 Aquarii..... e	5·4	69·94	5	22 3 24·39	0·00	+3·2132	−0·010	+0·0008
1781	Lacaille 9044.....	7·5*	68·75	1	22 3 54·22	...	+4·0561	−0·069	...
1782	Octantis (c)..... υ	5·7	65·24	44	22 4 45·24	+0·01	+14·078	−3·657	−0·043†
1783	Lacaille 9061.....	6·8*	63·84	1	22 6 22·89	+0·05	+3·6451	−0·036	+0·047*
1784	Lacaille 9071.....	7·3	68·80	1	22 8 24·44	...	+3·9652	−0·063	
1785†	Toucani ..... α	2·9	63·77	4	22 9 13·43	−0·02	+4·1898	−0·086	−0·0128

1765. κ^1 Indi in B.A.C.
1772. κ^2 Indi in B.A.C.
1780. e^2 in B.A.C.
1782. Letter c used at the Cape since 1836.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
1751	67·74	3	−30 17 37·57	...	+15·745	+0·32	...	8849	29535	11399	...
1752*	67·95	26	−83 20 4·46	0·00	+15·902	+0·89	0·00*	8798	29624	11435	7498
1753	64·51	20	− 8 27 28·48	−0·01	+15·941	+0·28	−0·022	2808	29613	11421	7514
1754	68·76	2	−56 20 46·79	...	+15·965	+0·37	...	8858	29628	11429	7516
1755	69·35	13	−17 16 13·53	+0·06	+16·049	+0·28	−0·014	2815	29656	11441	7525
1756	70·76	2	−19 28 48·46	+0·02	+16·179	+0·28	−0·003	2821	29708	...	7543
1757	63·78	18	+ 9 15 27·21	+0·01	+16·304	+0·24	+0·005	2835	...	11474	7561
1758	66·17	5	−11 59 12·22	0·00	+16·391	+0·27	−0·003	2844	29774	...	7577
1759	68·76	1	−70 15 16·90	+0·09	+16·394	+0·43	−0·024	8899	29790	11488	7572
1760	69·53	16	−16 44 18·76	+1·31	+16·407	+0·27	−0·290	2847	29788	11484	7580
1761	65·41	4	−47 30 31·14	...	+16·443	+0·32	...	...	...	...	...
1762	68·47	10	−14 11 8·48	−0·05	+16·720	+0·26	+0·013	2860	29938	11528	7618
1763	65·50	2	+25 17 27·75	0·00	+16·768	+0·21	+0·003	2864	...	11530	7627
1764	63·77	6	−55 37 56·06	−0·05	+16·853	+0·32	−0·041	8962	29999	11544	7633
1765*	66·90	5	−59 39 12·96	...	+16·864	+0·33	...	8959	30009	11549	7634
1766	65·41	4	−48 11 13·11	...	+16·877	+0·30	...	...	30014	...	...
1767	68·76	1	−56 31 38·34	...	+16·969	+0·32	...	8973	30057	11563	7645
1768	68·80	1	−57 20 25·20	+9·91	+17·055	+0·31	−2·609	8975	30105	11576	7656
1769	65·41	4	−48 55 2·87	...	+17·128	+0·29	...	...	...	...	...
1770	61·86	1	− 7 10 25·70	+0·04	+17·198	+0·23	+0·013	2882	30169	...	7670
1771	62·75	1	− 2 48 21·55	0·00	+17·206	+0·23	−0·002	2883	...	11592	7672
1772*	68·80	2	−60 17 13·86	...	+17·206	+0·31	...	9001	30176	11594	7669
1773	67·68	6	−40 11 34·78	+0·31	+17·279	+0·26	−0·114	9017	30209	11603	7684
1774	63·29	41	− 0 58 27·26	−0·01	+17·318	+0·22	−0·003	2890	30221	11608	7688
1775	68·76	1	−76 46 29·29	...	+17·327	+0·42	...	8996	30235	11613	7687
1776	68·70	14	−14 31 24·08	+0·20	+17·331	+0·23	−0·053	2889	30229	11609	7691
1777	63·73	45	−47 36 47·09	−0·22	+17·356	+0·27	−0·175	9021	30241	11617	7692
1778	65·42	5	−49 43 38·48	...	+17·457	+0·27	...	...	...	...	...
1779	65·44	4	−49 33 4·96	...	+17·465	+0·27	...	...	...	...	...
1780*	69·94	5	−12 13 39·47	−0·05	+17·515	+0·22	+0·010	2909	30315	...	7722
1781	68·75	1	−56 36 31·91	...	+17·536	+0·28	...	9044	30332	11644	7728
1782*	65·20	44	−86 38 57·14	−0·01	+17·572	+0·98	+0·070†	8924	30380	11665	7713
1783	63·84	1	−42 1 9·85	−0·87	+17·641	+0·25	−0·75*	9061	30378	11656	7748
1784	68·80	1	−54 59 28·46	...	+17·725	+0·26	...	9071	30408	11670	7764
1785	63·77	4	−60 55 50·77	−0·07	+17·757	+0·28	−0·055	9074	30422	11679	7767

m m ″

1752. 5·5, 7·7; 3. No note of duplicity.
1782. Proper Motion determined at the Cape.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α.
					h m s	s	s	s	s
1786*	43 Aquarii ..... θ	4·3	65·81	32	22 9 42·52	0·00	+3·1640	−0·008	+0·0059
1787	C.P.D.−5°No.11685	10‡	65·41	4	22 11 17·87	...	+3·8258	−0·053	...
1788	46 Aquarii..... ρ	5·4	66·71	2	22 13 5·77	0·00	+3·1619	−0·008	−0·0008
1789	Lacaille 9090.....	6·1	68·85	1	22 14 2·10	...	+5·4114	−0·268	...
1790*	48 Aquarii .....γ	4·1	63·52	16	22 14 41·00	0·01	+3·0935	−0·004	+0·0068
1791	Lacaille 9112.....	5·4	68·75	1	22 15 57·01	−0·07	+4·0277	−0·074	+0·018†
1792	B.D. + 3° No. 4700	9·3†	62·81	4	22 17 6·78	...	+3·0376	−0·002	...
1793*	50 Aquarii.....	6·0	69·86	2	22 17 13·03	−0·01	+3·2189	−0·011	+0·0017
1794	Lalande 43731	8·5†	62·74	4	22 17 37·24	...	+3·0404	−0·002	...
1795	Lalande 43744.....	9·3†	62·65	3	22 18 9·86	...	+3·0408	−0·002	...
1796	52 Aquarii..... π	4·6	61·78	2	22 18 23·02	0·00	+3·0651	−0·003	−0·0012
1797	Lacaille 9125.....	6·9*	68·80	1	22 18 26·37	...	+4·0144	−0·074	...
1798	Lalande 43765	8·3†	62·80	4	22 18 39·43	...	+3·0314	−0·001	...
1799	B.D. + 3° No. 4703	9·3†	62·79	4	22 19 20·73	...	+3·0317	−0·001	...
1800	34 Pegasi	5·7	62·73	5	22 19 45·10	+0·04	+3·0354	−0·001	+0·0171
1801	35 Pegasi.....	5·0	62·67	4	22 21 1·49	+0·01	+3·0327	−0·001	+0·0031
1802	Gruis .....β^2	4·3	63·78	7	22 21 40·82	...	+3·6174	−0·039	...
1803	55 Aquarii *pr*..... ζ	4·6	63·73	1	22 21 52·72	+0·01	+3·0789	−0·003	+0·0110
1804	55 Aquarii ..... ζ	3·8	64·37	4	22 21 52·89	+0·01	+3·0789	−0·003	+0·0110
1805	Lacaille 9122	6·6*	68·81	2	22 22 26·46	...	+6·0409	−0·434	...
1806	B.D. + 6° No. 5028.	9·4†	62·64	4	22 22 46·73	...	+3·0129	0·000	...
1807*	57 Aquarii..... σ	4·8	68·06	23	22 23 30·06	+0·01	+3·1819	−0·009	−0·0017
1808	17 Piscis Australis β	4·5	66·85	1	22 23 49·34	0·00	+3·4263	−0·025	+0·0007
1809†	Toucani..... ν	4·8	68·75	1	22 23 50·69	0·00	+4·1262	−0·092	+0·0013
1810	C.G.A. 30732	8·5*	65·41	4	22 25 3·66	...	+3·7531	−0·053	...
1811	Lacaille 9170	6·2	68·80	1	22 27 7·11	...	+3·9349	−0·073	...
1812*	62 Aquarii..... η	4·2	65·89	28	22 28 25·17	0·00	+3·0794	−0·003	+0·0045
1813	63 Aquarii ..... κ	5·5	66·82	3	22 30 45·83	+0·01	+3·1158	−0·005	−0·0060
1814	Lacaille 9200.....	7·3	68·85	1	22 31 54·69	...	+3·6758	−0·049	...
1815†	Octantis ..... β	4·4	67·40	2	22 32 2·46	+0·08	+6·6742	−0·671	−0·0338
1816†	18 Piscis Australis ϵ	4·1	65·35	2	22 33 10·93	0·00	+3·3322	−0·020	−0·0005
1817	C.Z. XXII. 1040 ...	9·0*	65·41	5	22 33 13·70	...	+3·7187	−0·054	...
1818‡	42 Pegasi ..... ζ	3·6	65·43	7	22 34 43·83	0·00	+2·9852	+0·002	+0·0039
1819	Lacaille 9212	6·9*	68·80	1	22 35 30·96	...	+4·0894	−0·100	...
1820	67 Aquarii.....	6·2	67·10	2	22 36 11·22	+0·01	+3·1364	−0·006	−0·0029

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Preс. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ.	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C 1850.
			° ′ ″	″	″	″	″				
1786	64·10	70	− 8 27 15·13	−0·02	+17·778	+0·21	−0·018	2929	30430	11682	7773
1787	65·41	4	−50 58 57·33	...	+17·841	+0·25	...	...	...	...	...
1788	66·71	2	− 8 29 52·17	−0·01	+17·913	+0·20	+0·007	2939	30498	...	7784
1789	68·85	1	−75 41 51·72	...	+17·949	+0·34	...	9090	30520	11709	7785
1790	63·36	15	− 2 3 59·12	+0·01	+17·975	+0·19	+0·009	2943	30529	11711	7795
1791*	68·75	1	−58 28 1·06	+1·31	+18·024	+0·25	−0·35†	9112	30557	11719	7801
1792	62·81	4	+ 3 24 8·65	...	+18·068	+0·19	...	...	...	...	...
1793	69·86	2	−14 12 45·83	−0·08	+18·072	+0·20	+0·017	2949	30582	11727	7806
1794	62·74	4	+ 3 8 17·41	...	+18·087	+0·18	...	...	...	...	...
1795	62·65	3	+ 3 7 19·01	...	+18·108	+0·18	...	...	...	...	...
1796	61·78	2	+ 0 41 37·12	−0·01	+18·116	+0·18	−0·004	2952	...	11732	7814
1797	68·80	1	−58 41 9·59	...	+18·118	+0·24	...	9125	30604	11735	7811
1798	62·80	4	+ 4 3 48·05	...	+18·126	+0·18	...	...	...	...	...
1799	62·79	4	+ 4 3 13·49	...	+18·152	+0·18	...	...	...	...	...
1800	62·73	5	+ 3 42 21·86	+0·10	+18·167	+0·18	+0·042	2957	...	...	7823
1801	62·67	4	+ 4 1 11·51	−0·70	+18·214	+0·18	−0·300	2959	...	...	7827
1802	63·78	7	−44 26 18·36	...	+18·238	+0·22	...	9140	30657	11749	7830
1803	63·73	1	− 0 42 32·76	+0·05	+18·245	+0·18	+0·042	...	30662	11750	...
1804	64·06	5	− 0 42 34·32	+0·04	+18·245	+0·18	+0·042	2960	30662-3	11750-1	7832
1805	68·85	1	−79 27 52·77	...	+18·265	+0·35	...	9122	30683	11764	7831
1806	62·64	4	+ 6 7 44·99	...	+18·278	+0·17	...	...	...	...	...
1807	68·09	21	−11 22 4·33	+0·06	+18·303	+0·18	−0·021	2966	30696	11769	7840
1808	66·85	1	−33 2 12·28	+0·07	+18·315	+0·20	−0·036	2964*	30704	11772	7842
1809	68·75	1	−62 40 25·05	+0·12	+18·316	+0·23	−0·033	9153	30709	11774	7841
1810	65·41	4	−51 40 49·99	...	+18·359	+0·21	...	...	30732	...	...
1811	68·80	1	−58 34 47·98	...	+18·431	+0·22	...	9170	30779	11792	7860
1812	63·93	40	− 0 48 44·27	−0·06	+18·475	+0·17	−0·053	2979	30800	11800	7868
1813	66·82	3	− 4 55 24·58	+0·20	+18·554	+0·17	−0·108	2983	30842	...	7884
1814	68·85	1	−50 17 53·91	...	+18·592	+0·19	...	9200	30865	11821	7887
1815	67·59	7	−82 5 13·75	+0·02	+18·596	+0·36	−0·009	9165	30879	11830	7886
1816	65·35	2	−27 44 47·21	0·00	+18·633	+0·17	−0·007	2986‡	30889	11831	7898
1817	65·41	4	−52 36 18·11	...	+18·635	+0·19	...	...	...	...	...
1818	63·83	6	+10 7 38·66	−0·01	+18·683	+0·15	−0·007	29 92	...	11836	7908
1819	68·80	1	−64 39 37·38	...	+18·708	+0·20	...	9212	30927	11844	7911
1820	67·10	2	− 7 40 7·64	−0·05	+18·729	+0·16	+0·023	3001	30945	...	7921

1791. Proper Motion from *Cincinnati Publications*, No. 12.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α.
					h m s	s	s	s	s
1821	Gruis..... η	4·9	63·81	2	22 37 19·56	0·00	+3·7265	−0·058	−0·002*
1822	Lacaille 9220.....	7·0	68·75	2	22 37 55·89	...	+4·3725	−0·144	...
1823	Lacaille 9240.....	6·5*	68·85	1	22 40 0·46	...	+4·0275	−0·097	...
1824	70 Aquarii.....	6·3	69·79	2	22 41 23·93	−0·01	+3·1616	−0·008	+0·0022
1825*	71 Aquarii..... τ	4·1	69·96	6	22 42 26·54	+0·01	+3·1852	−0·010	−0·0026
1826†	Lacaille 9268.....	6·0	68·80	1	22 43 22·35	+0·01	+3·9677	−0·093	−0·002
1827	Lacaille 9280.....	7·8*	65·41	4	22 44 31·37	...	+3·6445	−0·053	...
1828†	Indi..... ρ	6·3	68·14	3	22 45 12·87	+0·05	+4·3022	−0·149	−0·015
1829*	73 Aquarii..... λ	3·8	68·43	11	22 45 34·26	0·00	+3·1343	−0·006	−0·0012
1830	74 Aquarii.....	5·8	70·76	2	22 46 22·11	0·00	+3·1644	−0·009	+0·0002
1831	C.P.D.−53°No.10363	9·5‡	65·52	6	22 46 25·07	...	+3·6383	−0·054	...
1832	C.P.D.−53°No.10364	10‡	65·57	4	22 46 29·91	...	+3·6368	−0·054	...
1833	78 Aquarii.....	6·3	66·83	2	22 47 32·36	+0·01	+3·1299	−0·006	−0·0039
1834‡	24 Piscis Australis	1·3	65·73	49	22 50 11·09	−0·02	+3·3067	−0·021	+0·0235
1835	Lacaille 9321.....	5·6	67·40	1	22 52 12·39	...	+3·2987	−0·021	...
1836	C.Z. XXII. 1559.....	8·5*	65·42	4	22 52 16·02	...	+3·5987	−0·054	...
1837	Lacaille 9320.....	7·0*	67·84	2	22 52 44·00	...	+3·7198	−0·070	...
1838	Lacaille 9345.....	8·5*	68·84	3	22 55 54·29	...	+3·6280	−0·060	...
1839	4 Piscium..... β	4·6	62·99	9	22 57 0·49	0·00	+3·0524	0·000	−0·0003
1840‡	54 Pegasi..... α	2·6	65·83	30	22 58 2·29	0·00	+2·9798	+0·006	+0·0028
1841*	83 Aquarii..... h	5·5	69·70	4	22 58 7·30	−0·03	+3·1249	−0·006	+0·0066
1842	C.P.D.−53°No.10402	9·5‡	65·42	4	22 58 33·52	...	+3·5581	−0·054	...
1843	Lacaille 9358.....	6·1	67·83	3	22 59 7·87	...	+4·3218	−0·185	...
1844	Lacaille 9396.....	6·4*	68·80	1	23 5 45·66	−0·28	+3·6984	−0·082	+0·073†
1845	Octantis..... τ	5·6	65·75	110	23 6 9·40	−0·02	+13·097	−7·044	+0·020†
1846	90 Aquarii..... ϕ	4·2	66·75	12	23 7 19·84	0·00	+3·1082	−0·005	+0·0009
1847	Lacaille 9406.....	6·6*	68·86	2	23 7 29·30	...	+3·5473	−0·062	...
1848	C.P.D.−54°No.10243	10‡	65·52	5	23 8 48·79	...	+3·4851	−0·053	...
1849	91 Aquarii..... ψ^1	4·5	70·12	7	23 8 49·13	−0·12	+3·1233	−0·006	+0·0237
1850	Lacaille 9399.....	6·2	...	...	23 8 51	...	+4·7870	−0·360	...
1851†	Toucani..... γ	4·0	63·76	5	23 9 31·75	−0·01	+3·5576	−0·065	−0·0086
1852	92 Aquarii..... χ	5·2	68·79	1	23 9 51·07	+0·01	+3·1152	−0·005	−0·0031
1853*	6 Piscium..... γ	3·8	64·61	28	23 10 10·07	+0·02	+3·0592	0·000	+0·0488
1854	93 Aquarii..... ψ^2	4·5	68·49	5	23 10 53·20	0·00	+3·1218	−0·006	+0·0004
1855†	Sculptoris..... γ	4·3	67·32	4	23 11 31·62	+0·01	+3·2561	−0·022	−0·0027

1825. τ^2 in B.A.C.
1841. h^1 in B.A.C.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for μ_δ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_δ.	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
1821	63·81	2	−54 12 31·77	0·00	+18·765	+0·18	0·00*	9223	30968	11851	7925
1822	68·75	2	−70 11 4·89	...	+18·783	+0·21	...	9220	30983	11858	7927
1823	68·85	1	−64 25 47·28	...	+18·846	+0·19	...	9240	31036	11882	7942
1824	69·79	2	−11 16 2·21	−0·13	+18·887	+0·15	+0·027	3012	31061	11890	7952
1825*	69·96	6	−14 18 16·08	+0·14	+18·917	+0·15	−0·028	3013	31082	11897	7954
1826	68·80	1	−63 54 7·04	+0·19	+18·944	+0·18	−0·05	9268	31100	11905	7956
1827	65·41	4	−52 56 20·99	...	+18·977	+0·16	...	9280	31117	11915	...
1828	67·83	2	−70 47 35·74	−0·16	+18·997	+0·19	+0·056	9276	31127	11921	7965
1829	68·54	12	− 8 17 49·65	−0·14	+19·007	+0·14	+0·040	3019	31130	11922	7970
1830	70·76	2	−12 20 1·22	+0·07	+19·029	+0·14	−0·012	3021	31143	11928	7974
1831	65·51	7	−53 18 46·39	...	+19·030	+0·16	...	...	...	...	...
1832	65·54	5	−53 16 13·44	...	+19·033	+0·16	...	...	...	...	...
1833	66·83	2	− 7 55 17·02	+0·06	+19·061	+0·13	−0·034	3027	31164	...	7981
1834	64·10	143	−30 20 12·32	−0·15	+19·132	+0·14	−0·164	3032*	31213	11951	7992
1835	67·40	1	−30 11 5·97	...	+19·184	+0·13	...	9321	31247	11961	8002
1836	65·42	4	−53 32 37·81	...	+19·186	+0·15	...	...	...	...	...
1837	67·84	2	−59 9 38·14	...	+19·198	+0·15	...	9320	31259	11967	8006
1838	68·84	3	−56 25 21·91	...	+19·276	+0·14	...	9345	31323	11990	8022
1839	62·83	11	+ 3 5 38·56	−0·03	+19·303	+0·11	−0·015	3046	...	12001	8031
1840	65·17	41	+14 28 46·09	+0·01	+19·327	+0·11	−0·035	3050	...	12006	8034
1841*	69·70	4	− 8 25 16·94	−0·10	+19·329	+0·11	+0·022	3048	31367	12008	8035
1842	65·42	4	−53 54 42·87	...	+19·339	+0·13	...	...	...	...	...
1843	67·83	2	−74 18 54·00	...	+19·352	+0·15	...	9358	31381	12015	8040
1844*	68·80	1	−63 25 5·68	+1·52	+19·496	+0·12	−0·40†	9396	31496	12052	8081
1845*	65·20	122	−88 13 18·55	0·00	+19·504	+0·44	+0·010†	9225	31530	12069	8072
1846	66·75	12	− 6 46 34·57	+0·32	+19·528	+0·10	−0·184	3076	31521	12060	8085
1847	68·86	2	−57 25 32·92	...	+19·531	+0·11	...	9406	31526	12063	8087
1848	65·52	5	−54 21 48·63	...	+19·557	+0·10	...	...	...	...	...
1849	70·12	7	− 9 49 21·84	+0·03	+19·557	+0·09	−0·005	3078	31545	...	8095
1850	67·84	2	−80 12 35·34	...	+19·558	+0·14	...	9399	31548	12074	8090
1851	63·76	5	−58 58 30·41	+0·09	+19·571	+0·11	+0·075	9420	31563	12083	8098
1852	68·79	1	− 8 27 43·70	+0·01	+19·577	+0·09	−0·003	3081	31565	...	8102
1853	63·67	43	+ 2 32 42·75	+0·03	+19·583	+0·09	+0·019	3082	...	12088	8105
1854	68·71	6	− 9 55 8·75	+0·06	+19·596	+0·09	−0·015	3083	31585	12094	8109
1855	67·37	5	−33 16 1·08	+0·17	+19·608	+0·09	−0·071	9435	31591	12096	8113

1844. Proper Motion from *Cincinnati Publications*, No. 12.
1845. Proper Motion determined at the Cape.

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_α to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_α.
					h m s	s	s	s	s
1856	95 Aquarii ..... ψ^2	5·1	68·44	2	23 11 56·14	−0·01	+3·1229	−0·006	+0·0015
1857	96 Aquarii	5·7	66·63	4	23 12 23·96	−0·02	+3·1004	−0·004	+0·0111
1858	97 Aquarii	5·3	68·80	2	23 15 34·30	−0·02	+3·1448	−0·009	+0·054
1859	Lacaille 9452	6·9*	68·18	3	23 15 40·65	+0·01	+3·4573	−0·058	−0·004*
1860	Lacaille 9455	5·9	66·57	6	23 16 15·22	...	+3·4284	−0·051	...
1861	Lacaille 9463	5·5	63·76	5	23 17 36·33	...	+3·4594	−0·058	...
1862	C.P.D.−54°No.10284	9‡	65·45	4	23 18 7·25	...	+3·4158	−0·051	...
1863*	8 Piscium ..... κ	5·0	64·83	30	23 20 0·77	0·00	+3·0700	0·000	+0·0042
1864	10 Piscium ..... θ	4·4	62·61	1	23 21 7·28	−0·02	+3·0498	+0·003	−0·0104
1865	Lacaille 9495	6·7*	64·39	5	23 23 16·52	0·00	+3·2691	−0·031	0·000*
1866†	Lacaille 9494	5·8	67·84	2	23 24 31·52	+0·01	+4·0527	−0·229	−0·003
1867	Lacaille 9518	7·3*	68·87	3	23 27 29·28	...	+3·4857	−0·084	...
1868	Lacaille 9520	6·6*	68·90	1	23 27 32·98	...	+3·3691	−0·055	...
1869	Lacaille 9525	6·4*	68·80	1	23 29 56·11	...	+3·8686	−0·203	...
1870	Lacaille 9538	6·8*	68·80	1	23 31 8·95	...	+3·4106	−0·072	...
1871*	17 Piscium ..... ι	4·3	65·29	24	23 33 0·50	−0·01	+3·0586	+0·003	+0·0235
1872	Piazzi XXIII. 153.	6·1	70·71	3	23 34 9·81	...	+3·1051	−0·006	...
1873	18 Piscium ..... λ	4·7	66·08	5	23 35 9·58	+0·01	+3·0694	+0·001	−0·0107
1874	C.G.A. 32032	8·3*	68·85	1	23 35 14·56	...	+3·3092	−0·055	...
1875†	Lacaille 9566	6·0	67·84	2	23 36 39·85	−0·13	+3·4721	−0·111	+0·046
1876	Lacaille 9571	5·5	68·85	3	23 36 44·20	+0·01	+3·3645	−0·075	−0·002*
1877	Lacaille 9574	6·4*	66·87	3	23 36 46·89	−0·03	+3·2112	−0·033	+0·017*
1878	19 Piscium	5·2	65·68	2	23 39 29·69	0·00	+3·0663	+0·002	−0·0050
1879	Lacaille 9588	7·0*	68·80	1	23 39 54·47	...	+3·3792	−0·092	...
1880†	Phœnicis ..... σ	5·4	68·90	1	23 40 5·53	+0·03	+3·2151	−0·039	−0·0077
1881	Piazzi XXIII. 185 .	6·0	70·76	2	23 40 18·79	+0·04	+3·0978	−0·006	−0·007
1882	20 Piscium	5·7	67·84	6	23 41 0·15	−0·01	+3·0788	−0·001	+0·0048
1883†	Sculptoris *seq.* ..... δ	4·6	65·14	22	23 41 53·36	0·00	+3·1308	−0·016	+0·0040
1884	21 Piscium	6·1	67·18	4	23 42 32·85	0·00	+3·0715	+0·001	−0·0016
1885	C.G.A. 32178	8*	68·80	1	23 42 43·22	...	+3·2607	−0·062	...
1886	Octantis ..... γ^1	5·1	67·59	1	23 44 4·20	+0·08	+3·8041	−0·346	−0·030*
1887	22 Piscium	5·9	66·73	2	23 45 3·30	0·00	+3·0687	+0·002	0·0000
1888	Brisbane 7341	6·7*	68·87	3	23 46 28·23	...	+3·2552	−0·076	...
1889	26 Piscium	6·1	62·91	2	23 48 13·52	0·00	+3·0644	+0·005	+0·0005
1890	Octantis ..... γ^2	5·6	67·59	1	23 50 2·20	+0·04	+3·5393	−0·312	−0·017*

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for $\mu\delta$ to 1865·0	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion $\mu\delta$	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
1856	68·44	2	−10 20 53·41	−0·03	+19·616	+0·09	+0·008	3087	31601	12101	8116
1857	66·63	4	− 5 51 41·61	0·00	+19·624	+0·09	+0·002	3090	31614	...	8119
1858	68·80	2	−15 46 47·91	−0·08	+19·679	+0·08	+0·020	3102	31667	12118	8142
1859	68·18	3	−56 17 35·45	0·00	+19·681	+0·09	0·00*	9452	31670	12120	8143
1860	66·57	6	−54 32 52·55	...	+19·691	+0·09	...	9455	31687	12126	...
1861	63·76	5	−57 35 22·50	...	+19·713	+0·09	...	9463	31714	12133	8157
1862	65·45	4	−54 45 49·23	...	+19·721	+0·08	...	...	...	...	...
1863	64·33	49	+ 0 31 1·11	−0·06	+19·751	+0·07	−0·089	3116	...	12151	8169
1864	62·61	1	+ 5 38 15·48	−0·11	+19·767	+0·07	−0·045	3120	...	12158	8177
1865	64·39	5	−42 43 46·87	−0·06	+19·798	+0·07	−0·10*	9495	31809	12170	8186
1866	67·84	2	−78 7 49·38	0·00	+19·816	+0·08	0·00	9494	31840	12184	8190
1867	68·87	3	−65 26 7·98	...	+19·854	+0·06	...	9518	31896	12201	8207
1868	68·90	1	−57 34 15·97	...	+19·855	+0·06	...	9520	31900	12203	8208
1869	68·80	1	−77 36 57·02	...	+19·883	+0·06	...	9525	31946	12215	8219
1870	68·80	1	−63 37 57·32	...	+19·897	+0·05	...	9538	31965	12223	8226
1871	64·13	32	+ 4 53 41·76	−0·38	+19·916	+0·04	−0·437	3148	...	12234	8233
1872	70·71	3	−12 25 45·31	...	+19·928	+0·04	...	...	32014	12242	8239
1873	66·33	6	+ 1 2 14·23	+0·18	+19·938	+0·04	−0·137	3153	...	12250	8243
1874	68·85	1	−58 42 37·65	...	+19·938	+0·04	...	...	32032	...	8244
1875	67·84	2	−71 14 29·25	−0·23	+19·951	+0·04	+0·08	9566	32064	12262	8251
1876	68·85	3	−65 9 17·06	+0·15	+19·952	+0·04	−0·04*	9571	32065	12264	8253
1877	66·87	3	−45 49 56·71	+0·02	+19·952	+0·04	−0·01*	9574	32067	12265	8254
1878	65·68	2	+ 2 44 17·17	+0·02	+19·975	+0·03	−0·023	3162	...	...	8262
1879	68·80	1	−69 8 33·69	...	+19·978	+0·03	...	9588	32129	12283	8263
1880	68·90	1	−50 58 32·85	+0·08	+19·980	+0·03	−0·02	9591	32130	12284	8264
1881	70·76	2	−12 39 27·77	+0·40	+19·981	+0·03	−0·07	...	32134	12286	8266
1882	67·84	6	− 3 30 42·57	−0·01	+19·986	+0·03	+0·003	3165	32147	...	8271
1883	64·81	16	−28·52 36·11	−0·02	+19·993	+0·03	−0·111	9603	32161	12297	8275
1884	67·18	4	+ 0 19 36·11	+0·07	+19·997	+0·03	−0·030	3167	...	...	8281
1885	68·80	1	−61 53 10·49	...	+19·998	+0·03	...	...	32178	...	8283
1886	67·31	5	−82 46 8·92	+0·07	+20·007	+0·03	−0·03*	9607	32200	12313	8290
1887	66·73	2	+ 2 10 48·49	+0·02	+20·013	+0·02	−0·011	3174	...	...	8295
1888	68·87	3	−66 42 4·06	...	+20·020	+0·02	...	...	32240	12334	8305
1889	62·91	2	+ 6 19 14·94	−0·02	+20·029	+0·02	−0·009	3183	...	...	8312
1890	67·58	7	−82 55 14·23	+0·08	+20·036	+0·01	−0·03*	9651	32303	12360	8319

No.	Star's Name.	Mag.	Mean Date 1800+	No. of Obs.	Mean R.A. 1865·0.	Corr. for μ_a to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion μ_a
					h m s	s	s	s	s
1891	Toucani..... η	5·1	66·88	2	23 50 28·89	−0·03	+3·1914	−0·067	+0·015*
1892	C.P.D.−55°No.10121	9·5‡	65·52	6	23 50 38·01	...	+3·1529	−0·045	...
1893	1 Ceti.....	6·8*	68·80	2	23 51 24·44	−0·01	+3·0870	−0·008	+0·0038
1894*	27 Piscium.....	5·0	68·54	9	23 51 45·73	+0·02	+3·0757	−0·001	−0·0051
1895†	Phœnicis..... π	5·1	68·83	3	23 51 55·34	0·00	+3·1357	−0·040	0·0000
1896‡	28 Piscium..... ω	4·2	64·47	15	23 52 22·84	0·00	+3·0673	+0·005	+0·0086
1897	Lacaille 9688.....	7·5*	68·87	2	23 53 56·06	...	+3·1160	−0·037	...
1898	C.P.D.−55°No.10137	10‡	65·50	6	23 54 0·96	...	+3·1238	−0·045	...
1899	29 Piscium.....	5·1	66·95	3	23 54 54·37	0·00	+3·0740	0·000	−0·0002
1900	30 Piscium.....	4·6	69·72	9	23 55 2·19	−0·01	+3·0755	−0·002	+0·0019
1901	32 Piscium..... c	6·0	65·60	1	23 55 35·93	0·00	+3·0686	+0·006	−0·0057
1902	Piazzi XXIII. 270...	6·5*	68·80	2	23 58 8·59	...	+3·0722	+0·001	...
1903	Lacaille 9712.....	7·5*	68·89	2	23 58 16·04	...	+3·0853	−0·038	...
1904	33 Piscium.....	4·6	69·72	8	23 58 25·54	+0·01	+3·0731	−0·002	−0·0019
1905	C.Z. XXIII. 1639...	9·0*	65·51	5	23 59 22·93	...	+3·0773	−0·044	...

1901. c^2 in B.A.C.

No.	Mean Date 1800+	No. of Obs.	Mean Dec. 1865·0.	Corr. for $\mu\delta$ to 1865·0.	Prec. 1865·0.	Sec. Var. 1865·0.	Proper Motion $\mu\delta$	Bradley or Lacaille	C.G.A. 1875.	Cape 1880.	B.A.C. 1850.
			° ′ ″	″	″	″	″				
1891	66·88	2	−65 2 52·19	+0·06	+20·038	+0·01	−0·03	9661	32311	12365	8323
1892	65·52	5	−55 57 49·31	...	+20·038	+0·01	...	...	...	...	...
1893	68·80	2	−16 35 56·14	−0·03	+20·041	+0·01	+0·008	3188	32325	...	8327
1894	68·54	9	− 4 18 18·21	+0·22	+20·042	+0·01	−0·063	3189	32330	12375	8328
1895	68·83	3	−53 29 59·06	−0·17	+20·043	+0·01	+0·045	9671	32333	12376	8329
1896	63·21	28	+ 6 6 58·11	−0·19	+20·044	+0·01	−0·105	3191	...	12380	8331
1897	68·87	2	−51 11 53·62	...	+20·048	0·00	...	9688	32362	12397	...
1898	65·50	6	−56 2 10·97	...	+20·048	0·00	...	...	...	...	...
1899	66·95	3	− 3 46 44·46	0·00	+20·050	0·00	−0·002	3196	32379	12406	8346
1900	69·72	9	− 6 45 51·07	+0·15	+20·050	0·00	−0·031	3197	32383	12409	8349
1901*	65·60	1	+ 7 44 7·58	+0·02	+20·051	0·00	−0·027	3201	...	...	8354
1902	68·80	2	− 1 15 10·38	...	+20·055	−0·01	...	...	32426	12428	8365
1903	68·89	2	−52 53 55·43	...	+20·055	−0·01	...	9712	32428	12429	8367
1904	69·72	8	− 6 27 45·93	−0·45	+20·055	−0·01	+0·096	3208	32431	12431	8368
1905	65·51	5	−56 15 0·85	...	+20·055	−0·01	...	...	...	...	...

CAPE GENERAL CATALOGUE OF STARS FOR 1865·0.

APPENDIX.

MERIDIAN OBSERVATIONS

OF THE STARS

α CANIS MAJORIS, α CANIS MINORIS,
β CENTAURI α^1 AND α^2 CENTAURI.

Corrected for Flexure (−0″·26 Sin Z.D.), Latitude (1861–2 = −33° 56′ 3″·70 : 1863–70 = 4″·10) and reduced, without Proper Motion, to the Equinox 1865·0.

MERIDIAN OBSERVATIONS of α CANIS MAJORIS.

DIRECT OBSERVATIONS.

Date.	Observer.	R.A.	Dec.	Date.	Observer.	R.A.	Dec.
		h m	° ′			h m	° ′
		6 39	−16 31			6 39	−16 31
1861.		s	″	1862.		s	″
Feb. 12	T.	11·96	55·21	Aug. 10	G.	...	55·97
„ 13	T.	11·87	54·60	„ 11	C.F.	...	54·94
„ 21	G.	...	55·96				
Dec. 3	W.	...	54·78	1863.			
„ 4	W.	11·85	55·29	Jan. 5	T.	...	58·19
„ 6	W.	11·96	55·11	„ 6	T.	11·89	58·87
„ 9	W.	11·86	54·98	„ 7	T.	11·97	...
„ 17	G.	...	54·96	„ 8	T.	11·91	58·18
				„ 9	T.	11·96	58·21
1862.				„ 10	T.	...	57·04
Jan. 15	C.F.	11·87	56·29	„ 12	T.	...	59·13
„ 20	C.F.	..	56·30	„ 14	C.F.	11·96	56·64
„ 22	C.F.	12·00	57·62	„ 15	G.	11·86	58·70
„ 29	C.F.	11·89	54·95	„ 16	C.F.	11·94	57·02
„ 31	C.F.	11·99	56·22	„ 17	G.	11·93	59·18
Feb. 4	C.F.	11·93	55·82	„ 21	C.F.	11·99	55·90
„ 6	C.F.	12·05	57·23	„ 23	C.F.	11·76	56·94
May 9	C.F.	11·99	...	„ 24	G.	11·83	58·34
„ 10	C.F.	12·08	...	„ 26	C.F.	11·98	56·76
„ 20	C.F.	12·05	...	„ 27	G.	11·82	58·30
June 29	T.	11·93	...	„ 28	C.F.	11·91	56·92
July 1	G.	11·97	...	„ 30	C.F.	11·85	56·12
„ 6	G.	11·94	56·69	Feb. 1	C.F.	...	57·48
„ 7	T.	11·97	56·07	„ 3	I.F.	11·93	56·78
„ 8	G.	11·90	56·90	„ 10	G.	11·88	59·14
„ 11	G.	...	56·30	„ 13	G.	11·89	58·16
„ 13	G.	...	56·10	„ 16	C.F.	11·76	58·47
„ 16	G.	11·93	56·21	„ 17	G.	11·78	58·53
„ 17	G.	11·97	55·38	„ 18	I.F.	12·03	57·57
„ 18	C.F.	11·93	55·73	„ 19	C.F.	11·80	56·13
„ 21	G.	11·95	55·53	„ 20	I.F.	11·88	56·92
„ 23	C.F.	11·93	55·94	„ 21	G.	11·87	58·91
„ 24	G.	11·92	55·65	„ 25	G.	11·90	58·64
„ 25	C.F.	11·83	56·06	„ 26	C.F.	11·79	57·13
„ 30	G.	11·93	...	„ 27	I.F.	11·90	57·41

MERIDIAN OBSERVATIONS OF α CANIS MAJORIS.

Direct Observations.

Date.	Observer.	R.A.	Dec.	Date.	Observer.	R.A.	Dec.
		h m	° ′			h m	° ′
		6 39	−16 31			6 39	−16 31
1863.		s	″	1864.		s	″
Mar. 12	G.	11·86	57·69	Mar. 5	W.	...	59·06
„ 13	C.F.	11·81	57·23	„ 7	G.	11·95	...
„ 14	I.F.	11·76	56·89	„ 8	W.	11·85	...
„ 16	G.	11·80	58·42	„ 10	W.	...	58·66
„ 17	C.F.	11·70	59·37	„ 15	I.F.	11·71	58·73
„ 18	I.F.	11·94	57·64	Apr. 7	T.	...	57·98
„ 23	G.	11·89	59·27	„ 9	T.	...	59·03
„ 24	C.F.	11·79	57·30	„ 12	I.F.	11·93	59·20
April 8	T.	11·87	58·33	„ 13	C.F.	...	56·01
„ 23	T.	11·90	57·21	July 17	G.	11·83	...
July 5	G.	11·86	57·66	„ 18	G.	11·80	...
„ 6	C.F.	12·01	57·59	„ 20	G.	11·77	...
„ 7	I.F.	...	57·09	„ 22	G.	11·83	58·71
„ 8	G.	11·84	57·82	„ 25	G.	...	60·25
„ 9	C.F.	11·95	57·29	„ 26	G.	...	59·56
„ 10	I.F.	...	57·95	„ 27	G.	...	58·86
„ 12	G.	...	58·80	„ 28	G.	...	59·42
„ 13	C.F.	11·89	57·74	„ 31	G.	...	59·34
„ 15	I.F.	...	57·09	Aug. 1	G.	...	59·73
„ 16	C.F.	11·85	58·02	„ 2	G.	...	59·31
„ 24	C.F.	...	56·90	„ 7	G.	...	60·33
„ 26	G.	...	58·11	„ 8	G.	...	59·82
„ 27	G.	...	57·72	„ 9	G.	...	63·11
„ 30	I.F.	...	57·94	„ 10	G.	...	59·66
„ 31	C.F.	...	57·87	„ 14	G.	...	59·57
Aug. 2	G.	...	57·58	„ 15	G.	...	60·98
„ 4	G.	11·96	58·54	„ 16	G.	...	59·88
„ 10	C.F.	...	58·36	„ 28	G.	11·90	...
„ 11	C.F.	...	57·66	„ 30	G.	11·95	60·28
				„ 31	G.	11·93	...
1864.				Sept. 8	G.	11·90	59·42
Feb. 4	I.F.	...	59·15	„ 14	G.	11·84	59·47
„ 6	W.	...	59·02	Nov. 16	J.S.	11·87	59·91
„ 18	W.	...	58·85	Dec. 13	G.	11·85	60·17
Mar. 3	W.	11·86	60·03				

MERIDIAN OBSERVATIONS OF α CANIS MAJORIS.

DIRECT OBSERVATIONS.

Date.	Observer.	R.A.	Dec.	Date.	Observer.	R.A.	Dec.
		h m	° ′			h m	° ′
1865.		6 39	−16 31	1866.		6 39	−16 31
		s	″			s	″
Jan. 28	J.S.	...	60·72	Jan. 23	J.S.	11·82	...
„ 30	J.S.	11·81	60·02	May 12	G.	11·77	...
„ 31	J.S.	11·90	60·51	Oct. 2	G.	...	64·77
Feb. 2	J.S.	...	60·11	„ 5	C.F.	...	60·95
„ 3	J.S.	...	60·75	„ 7	C.F.	11·75	62·44
„ 6	J.S.	...	60·27	„ 8	G.	...	62·74
„ 7	C.F.	11·62	58·89	„ 9	J.S.	11·88	61·86
„ 9	J.S.	11·73	60·16	„ 10	C.F.	...	62·00
„ 10	J.S.	11·57	59·41	„ 18	B.	11·70	...
„ 13	J.S.	11·86	59·90	„ 19	C.F.	...	61·35
„ 14	J.S.	11·71	60·14	„ 21	J.S.	...	61·79
„ 17	J.S.	11·79	60·21	„ 22	G.	...	62·76
„ 20	J.S.	...	60·60	„ 23	J.S.	...	61·00
„ 22	J.S.	...	60·63	„ 24	C.F.	...	60·45
„ 23	J.S.	11·73	60·64	„ 26	J.S.	...	63·47
„ 28	J.S.	...	60·66	„ 29	C.F.	...	62·32
Mar. 4	J.S.	...	61·46	„ 30	J.S.	11·74	61·86
„ 6	J.S.	11·67	60·99	Nov. 1	J.S.	...	60·05
June 23	J.S.	...	59·01	„ 2	C.F.	...	62·27
„ 26	C.F.	...	59·83	„ 4	J.S.	11·73	62·51
„ 27	J.S.	...	60·05	„ 5	G.	...	63·84
„ 28	J.S.	...	59·67	„ 6	C.F.	...	62·45
„ 29	C.F.	...	58·81	„ 8	G.	...	59·25
July 2	C.F.	...	59·86	„ 9	I.F.	...	62·55
„ 11	J.S.	...	60·33	„ 16	J.S.	...	62·24
„ 12	C.F.	11·76	59·73	„ 18	I.F.	12·02	62·78
„ 13	J.S.	...	59·18	„ 21	G.	11·81	61·96
„ 14	C.F.	11·80	59·99	„ 22	J.S.	...	61·77
„ 16	G.	11·82	59·83	„ 23	C.F.	11·64	60·99
„ 17	G.	11·90	60·19	„ 26	G.	11·78	62·13
„ 21	G.	11·83	59·84	„ 28	G.	...	62·28
„ 27	G.	...	60·81	Dec. 10	J.S.	...	62·98
„ 28	G.	11·77	60·15	„ 11	C.F.	...	63·69
Sept. 12	C.F.	11·73	...	„ 14	I.F.	...	62·05
Dec. 4	C.F.	11·87	60·87	„ 18	I.F.	11·68	59·99

MERIDIAN OBSERVATIONS OF α CANIS MAJORIS.

DIRECT OBSERVATIONS.

Date.	Observer.	R.A.	Dec.	Date.	Observer.	R.A.	Dec.
		h m	° ′			h m	° ′
		6 39	−16 31			6 39	−16 31
1866.		s	″	1867.		s	″
Dec. 19	G.	...	62·98	Apr. 23	B.	11·79	62·63
„ 20	J.S.	11·79	...	„ 25	J.S.	...	63·00
„ 21	C.F.	11·80	62·01	„ 29	G.	...	62·48
„ 22	C.F.	11·59	62·88	May 6	G.	...	63·82
				„ 10	C.F.	...	62·93
1867.				„ 17	C.F.	11·75	63·15
Jan. 7	J.S.	11·75	62·96	„ 18	I.F.	...	63·31
„ 9	B.	11·57	61·80	„ 20	I.F.	...	64·21
„ 22	B.	11·78	64·02	July 28	G.	...	63·28
„ 23	I.F.	...	62·21	Aug. 4	G.	11·90	...
„ 24	B.	...	64·42	„ 6	C.F.	...	63·10
Feb. 21	I.F.	11·65	63·87	„ 9	C.F.	...	62·81
„ 26	I.F.	11·79	63·71	Sept. 20	C.F.	11·70	62·09
„ 27	B.	11·59	...	Dec. 11	I.F.	11·82	...
Mar. 4	B.	11·61	...				
„ 5	I.F.	11·69	61·67				
„ 13	C.F.	11·75	62·28	1868.			
„ 14	J.S.	...	63·55	Jan. 9	I.F.	11·70	...
„ 15	C.F.	11·64	60·19	„ 10	C.F.	11·69	65·16
„ 23	I.F.	...	63·69	„ 14	C.F.	11·71	66·56
„ 25	G.	...	64·39	„ 15	I.F.	11·61	66·16
„ 26	C.F.	11·69	63·30	„ 17	I.F.	11·43	65·38
„ 27	I.F.	...	63·81	„ 20	J.S.	11·68	63·04
„ 28	J.S.	...	64·00	„ 22	I.F.	...	65·55
„ 30	G.	...	64·09	„ 24	C.F.	11·76	62·67
Apr. 2	C.F.	11·76	62·81	„ 30	B.	11·71	...
„ 3	J.S.	...	63·57	„ 31	C.F.	11·60	62·82
„ 4	G.	...	61·41	Feb. 4	C.F.	11·75	64·40
„ 5	C.F.	11·82	62·45	„ 5	I.F.	11·69	65·78
„ 8	B.	11·70	62·55	„ 7	J.S.	11·54	64·31
„ 10	J.S.	11·65	63·86	„ 11	I.F.	...	65·11
„ 11	C.F.	11·72	62·88	„ 13	J.S.	11·70	66·02
„ 12	I.F.	...	64·40	„ 14	C.F.	11·62	62·98
„ 15	B.	...	62·22	„ 17	B.	...	64·38
„ 17	B.	...	63·69	„ 19	I.F.	11·58	63·99

MERIDIAN OBSERVATIONS OF α CANIS MAJORIS.

Direct Observations.

Date.	Observer.	R.A.	Dec.	Date.	Observer.	R.A.	Dec.
		h m 6 39	° ′ −16 31			h m 6 39	° ′ −16 31
1868.		s	″	1868.		s	″
Feb. 20	B.	11·58	64·44	Apr. 17	I.F.	11·66	65·12
„ 21	I.F.	11·63	64·41	May 15	C.F.	...	64·37
„ 25	I.F.	11·77	66·56	Oct. 7	I.F.	11·65	...
„ 28	J.S.	11·71	64·83	„ 9	C.F.	...	64·67
Mar. 4	B.	11·63	64·79				
„ 5	J.S.	11·63	65·57	1869.			
„ 6	I.F.	11·64	64·50	Jan. 26	I.F.	11·65	...
„ 11	I.F.	11·64	65·36	Feb. 3	I.F.	11·69	...
„ 18	I.F.	11·74	64·63	July 15	G.	11·62	...
„ 31	J.S.	11·58	66·24	„ 16	G.	11·60	...
Apr. 6	I.F.	11·64	63·60	Nov. 22	I.F.	11·74	...

Reflexion Observations.

1866.				1866.			
Oct. 2	G.	...	62·04	Nov. 22	J.S.	...	63·26
„ 5	C.F.	...	63·95	„ 28	G.	...	63·57
„ 8	G.	...	62·84	Dec. 19	G.	...	63·35
„ 10	C.F.	...	66·16				
„ 19	C.F.	...	63·74	1867.			
„ 21	C.F.	...	64·82	Mar. 14	J.S.	...	64·71
„ 22	G.	...	63·17	„ 30	G.	...	65·96
„ 23	J.S.	...	62·92	April 3	J.S.	...	65·04
„ 24	C.F.	...	64·75	„ 12	I.F.	...	64·08
„ 26	C.F.	...	64·02	„ 24	I.F.	...	64·13
„ 29	C.F.	...	64·75	„ 25	J.S.	...	64·47
Nov. 1	J.S.	...	64·03	May 10	C.F.	...	65·36
„ 2	C.F.	...	64·13	„ 18	I.F.	...	63·94
„ 5	G.	...	63·96	„ 20	I.F.	...	63·49
„ 6	C.F.	...	66·32				
„ 8	G.	...	64·48	1868.			
„ 16	J.S.	...	62·03	Jan. 22	I.F.	...	71·54

MERIDIAN OBSERVATIONS OF α CANIS MINORIS.

DIRECT OBSERVATIONS.

Date.	Observer.	R.A.	Dec.	Date.	Observer.	R.A.	Dec.
		h m	° ′			h m	° ′
		7 32	+5 34			7 32	+5 34
1861.		s	″	1863.		s	″
Jan. 25	C.	14·21	...	July 21	C.F.	...	7·46
Feb. 13	T.	14·26	9·50	„ 23	C.F.	...	7·54
Mar. 21	G.	14·43	9·45	„ 24	C.F.	...	6·80
July 14	C.	14·32	...	„ 30	I.F.	...	7·12
Aug. 21	C.	14·22	...	Aug. 2	G.	...	7·49
				„ 3	C.F.	...	7·66
1862.				„ 4	G.	14·16	7·21
Jan. 13	C.F.	...	10·82	„ 10	G.	14·19	7·08
„ 15	G.	...	7·65	„ 11	C.F.	...	7·37
„ 17	C.F.	13·82	8·89	„ 16	G.	...	6·19
„ 22	C.F.	14·19	...	„ 18	C.F.	...	7·69
„ 24	C.F.	14·24	9·30	„ 25	I.F.	...	7·61
„ 27	C.F.	14·12	...	Nov. 28	G.	...	5·84
„ 31	C.F.	14·15	9·94	Dec. 25	W.	14·27	...
Feb. 4	C.F.	14·19	6·99	„ 26	W.	...	6·20
„ 12	G.	...	7·06				
Apr. 7	G.	...	7·69	1864.			
May 20	C.F.	14·27	...	Feb. 18	I.F.	...	6·32
June 4	C.F.	14·35	...	„ 19	G.	14·12	6·74
„ 5	C.F.	14·29	...	March 2	G.	13·90	6·21
July 30	G.	14·23	...	„ 4	C.F.	13·77	8·13
Aug. 10	G.	...	8·18	„ 16	G.	14·05	7·13
„ 11	C.F.	...	9·27	„ 17	W.	14·13	5·90
„ 13	G.	...	8·80	„ 29	T.	...	6·31
„ 18	C.F.	...	7·42	„ 30	G.	...	5·96
„ 19	G.	...	8·78	April 12	I.F.	14·03	8·27
„ 21	G.	...	8·44	„ 13	C.F.	...	7·47
„ 22	C.F.	...	8·44	May 23	C.F.	...	7·13
				Aug. 28	G.	14·12	...
1863.				Sept. 12	G.	14·18	...
Mar. 1	C.F.	...	7·38	„ 14	G.	14·12	...
„ 3	G.	...	6·77	„ 25	G.	14·04	...
Apr. 8	T.	14·10	6·91	„ 26	G.	14·10	...
„ 25	T.	...	7·33	Nov. 17	G.	14·10	4·94

MERIDIAN OBSERVATIONS OF α CANIS MINORIS.

DIRECT OBSERVATIONS.

Date.	Observer.	R.A.	Dec.	Date.	Observer.	R.A.	Dec.
		h m 7 32 s	° ′ +5 34 ″			h m 7 32 s	° ′ +5 34 ′
1865.				1868.			
Feb. 7	C.F.	14·06	5·37	Feb. 4	C.F.	13·84	...
Mar. 7	J.S.	13·98	...	„ 13	J.S.	13·83	...
July 18	G.	13·95	...	„ 14	C.F.	13·83	...
„ 28	G.	14·05	...	„ 17	B.	14·09	...
Aug. 18	G.	14·07	...	„ 19	I.F.	13·75	...
Dec. 1	W.	14·06	5·00	„ 20	B.	13·89	...
„ 5	G.	14·01	...	„ 21	I.F.	13·89	...
				Mar. 2	I.F.	13·67	...
1866.				„ 25	I.F.	13·92	...
Jan. 1	G.	14·15	...	April 1	I.F.	14·03	...
„ 29	G.	13·94	...	„ 2	B.	13·96	...
Mar. 24	J.S.	14·07	...	„ 6	I.F.	13·91	...
Apr. 21	J.S.	14·00	...	„ 17	I.F.	13·86	...
Aug. 5	G.	13·96	...	„ 23	B.	14·06	...
„ 6	G.	13·98	...	July 10	G.	13·91	...
„ 9	G.	13·94	...	Aug. 9	G.	13·93	...
Nov. 9	I.F.	13·99	4·87	„ 10	G.	13·72	...
„ 25	C.F.	14·01	...				
„ 30	B.	13·96	3·42				
Dec. 22	C.F.	14·00	...	1869.			
				Feb. 23	G.	13·63	...
1867.				Aug. 2	G.	13·75	...
Jan. 16	G.	13·93	...	„ 6	G.	13·79	...
Feb. 16	G.	13·93	...	„ 8	G.	13·78	...
May 2	C.F.	...	3·66	„ 13	G.	13·82	...
Aug. 6	G.	14·00	...	„ 15	G.	13·81	...
„ 12	G.	14·19	...	„ 24	G.	13·88	...
Nov. 15	J.S.	13·92	...	Nov. 22	I.F.	13·82	...
1868.	...			1870.			
Jan. 9	I.F.	13·93	...	Feb. 13	G.	13·75	...
„ 31	C.F.	13·90	...	April 9	G.	13·82	...

MERIDIAN OBSERVATIONS OF β AND α CENTAURI.

DIRECT OBSERVATIONS.

Date.	Observer.	Right Ascension.			Declination.		
		β.	α^1.	α^2.	β.	α^1.	α^2.
		h m	h m	h m	° ′	° ′	° ′
		13 54	14 30	14 30	−59 43	−60 16	−60 16
1861.		s	s	s	″	″	
Oct. 31 - -	C.F.	...	...	28·62	...	...	...
Nov. 6 - -	C.F.	...	...	28·90	...	...	...
„ 14 - -	C.F.	...	...	28·45	...	...	...
„ 19 - -	C.F.	...	...	28·82	...	...	...
„ 21 - -	C.F.	19·81	...	28·52	...	...	...
„ 25 - -	C.F.	19·56	...	...	...	...	...
Dec. 19 - -	C.F.	...	...	...	...	...	39·08
1863.							
Jan. 9 - -	T.	...	...	...	...	...	38·90
„ 11 - -	T.	...	...	...	...	...	38·87
„ 12 - -	T.	...	...	...	...	...	38·57
„ 27 - -	G.	...	...	...	...	...	39·26
„ 30 - -	G.	...	...	...	...	...	38·67
Feb. 3 - -	I.F.	...	...	...	...	...	39·67
Apr. 15 - -	C.F.	...	28·18	...	...	31·01	...
„ 16 - -	G.	...	...	28·28	...	...	41·43
„ 20 - -	G.	...	...	27·92	...	...	39·39
„ 27 - -	G.	...	...	...	...	...	39·96
July 8 - -	G.	...	...	27·77	...	31·07	38·16
„ 9 - -	C.F.	...	27·90	...	...	31·36	38·94
„ 10 - -	I.F.	...	...	27·74	...	30·31	38·48
„ 13 - -	C.F.	...	...	28·25	...	30·50	39·03
„ 17 - -	G.	...	...	...	...	30·49	38·37
„ 24 - -	I.F.	...	...	...	14·68	...	...
„ 25 - -	C.F.	...	...	27·89	10·64	30·35	38·67
„ 30 - -	I.F.	...	...	...	10·07	34·17	39·23
Aug. 1 - -	I.F.	19·36	...	27·60	9·68	28·72	37·16
„ 4 - -	G.	19·55	...	27·78	10·74	29·97	38·72
„ 5 - -	I.F.	19·53	...	27·75	10·41	...	...
„ 10 - -	G.	19·40	...	27·70	10·06	30·47	37·61
„ 12 - -	I.F.	19·42	...	...	14·28	...	...
„ 17 - -	G.	...	...	...	...	31·54	37·96
„ 19 - -	I.F.	19·46	...	27·71	12·04	30·25	41·57

MERIDIAN OBSERVAVIONS OF β AND α CENTAURI.

DIRECT OBSERVATIONS.

Date.	Observer.	Right Ascension.			Declination.		
		β.	α^1.	α^2.	β.	α^1.	α^2.
		h m	h m	h m	° ′	° ′	° ′
		13 54	14 30	14 30	−59 43	−60 16	−60 16
1863.		s	s	s	″	″	″
Aug. 25 - -	I.F.	...	...	...	10·61	...	...
„ 26 - -	I.F.	19·56	...	27·69	9·81	30·23	37·45
„ 28 - -	I.F.	...	...	...	...	30·61	41·67
„ 29 - -	G.	...	...	...	10·87	...	...
„ 31 - -	G.	19·32	...	27·52	10·69	29·93	38·11
Sept. 1 - -	I.F.	19·51	...	27·82	10·31	29·57	40·11
„ 3 - -	I.F.	19·63	...	27·90	10·50	30·08	38·27
„ 4 - -	I.F.	19·57	...	27·87	10·29	29·48	39·42
1864.							
Nov. 8 - -	G.	...	...	...	...	27·91	37·73
„ 9 - -	G.	...	...	...	...	27·92	37·46
„ 11 - -	G.	...	...	...	...	28·28	36·97
„ 13 - -	G.	...	...	...	...	30·51	39·56
„ 15 - -	G.	...	...	...	...	29·50	38·47
„ 17 - -	G.	...	...	27·40	...	28·91	37·42
„ 18 - -	G.	...	...	...	...	28·86	36·89
„ 21 - -	C.F.	...	...	...	...	...	36·26
„ 22 - -	C.F.	...	...	...	...	29·01	38·57
„ 27 - -	C.F.	...	...	...	...	28·44	37·74
Dec. 1 - -	C.F.	...	...	...	...	29·58	38·06
„ 6 - -	G.	...	...	27·27	...	29·05	38·88
1865.							
Nov. 12 - -	G.	...	...	...	...	...	36·21
„ 20 - -	C.F.	...	...	...	...	...	38·33
„ 21 - -	J.S.	...	...	...	...	...	37·85
„ 23 - -	G.	...	...	...	...	27·98	36·94
„ 24 - -	C.F.	...	...	...	...	30·85	37·13
„ 26 - -	G.	...	...	...	...	28·13	37·08
Dec. 1 - -	C.F.	...	...	...	...	30·29	35·85
„ 3 - -	C.F.	...	...	...	...	31·14	39·11
„ 4 - -	J.S.	...	...	...	...	29·34	38·61

MERIDIAN OBSERVATIONS OF β AND α CENTAURI.

DIRECT OBSERVATIONS.

Date.	Observer.	Right Ascension.			Declination.		
		β.	α^1.	α^2.	β.	α^1.	α^2.
		h m	h m	h m	° ′	° ′	° ′
		13 54	14 30	14 30	−59 43	−60 16	−60 16
1867.		s	s	s	″	″	″
April 10 - -	B.	19·24	...	25·88	8·71	26·66	35·86
May 10 - -	C.F.	...	...	...	...	...	40·27
„ 13 - -	J.S.	19·62	...	...	7·96	...	...
„ 15 - -	I.F.	19·42	...	...	11·27	...	...
„ 17 - -	C.F.	...	...	25·99	...	...	36·71
„ 27 - -	J.S.	...	...	...	...	27·08	37·46
June 3 - -	J.S.	...	...	25·88	...	...	36·72
„ 4 - -	I.F.	...	...	25·68	...	...	36·56
July 2 - -	I.F.	19·49	...	...	...	...	...
„ 9 - -	I.F.	...	...	25·71	...	...	36·28
1868.							
April 22 - -	I.F.	19·42	...	...	...	...	...
May 22 - -	C.F.	...	...	25·07	...	24·27	36·96
„ 26 - -	C.F.	...	25·48	...	...	26·55	37·06
„ 27 - -	I.F.	...	25·62	...	...	26·09	...
„ 29 - -	I.F.	...	...	...	...	...	36·90
June 3 - -	I.F.	...	25·64	...	...	27·34	...
„ 9 - -	I.F.	...	...	...	...	...	34·91
„ 12 - -	C.F.	...	...	25·70	...	25·57	37·05
„ 15 - -	I.F.	...	...	25·42	...	...	36·29
July 14 - -	I.F.	...	...	24·99	...	...	36·46
1870.							
May 10 - -	I.F.	...	...	24·39	...	...	35·06
„ 20 - -	I.F.	...	...	24·28	...	...	36·58
June 8 - -	G.	...	...	24·92	...	23·35	34·47
„ 9 - -	I.F.	...	...	24·77	...	...	35·85
„ 11 - -	G.	...	...	...	...	...	34·60
July 13 - -	I.F.	...	...	24·44	...	...	34·38
Nov. 16 - -	G.	...	...	...	9·20	...	34·31
„ 17 - -	G.	...	...	...	8·99	...	34·66
„ 21 - -	G.	...	...	...	...	...	33·45
„ 22 - -	G.	...	...	...	...	...	33·84

MERIDIAN OBSERVATIONS OF β AND α CENTAURI.

DIRECT OBSERVATIONS.

Date.	Observer.	Right Ascension.			Declination.		
		β.	α^1.	α^2.	β.	α^1.	α^2.
		h m	h m	h m	° ′	° ′	° ′
		13 54	14 30	14 30	−59 43	−60 16	−60 16
1870.		s.	s.	s.	″	″	″
Nov. 23 - -	G.	...	...	...	...	...	34·10
„ 24 - -	G.	...	...	...	...	...	33·56

REFLEXION OBSERVATIONS.

1863.							
Jan. 27 - -	G.	...	...	...	...	...	39·53
1864.							
Nov. 8 - -	G.	...	...	...	...	29·53	39·24
„ 9 - -	G.	...	...	...	...	30·29	38·83
„ 11 - -	G.	...	...	...	...	31·85	39·22
„ 13 - -	G.	...	...	...	...	30·89	38·75
„ 15 - -	G.	...	...	...	...	29·72	38·03
„ 18 - -	G.	...	...	...	...	26·42	37·13
„ 21 - -	C.F.	...	...	...	...	...	40·84
„ 22 - -	C.F.	...	...	...	...	29·83	39·11
„ 27 - -	C.F.	...	...	...	...	29·92	39·14
1865.							
Nov. 12 - -	G.	...	...	...	...	...	37·92
„ 20 - -	C.F.	...	...	...	...	...	40·09
„ 21 - -	J.S.	...	...	...	...	...	38·05
„ 23 - -	G.	...	...	...	...	30·27	38·23
„ 24 - -	C.F.	...	...	...	...	30·09	38·42
„ 26 - -	G.	...	...	...	...	28·43	38·90
Dec. 1 - -	C.F.	...	...	...	...	30·60	38·79
„ 3 - -	C.F.	...	...	...	...	30·60	38·77
„ 4 - -	J.S.	...	...	...	...	28·53	37·86

3 2044 074 411 265